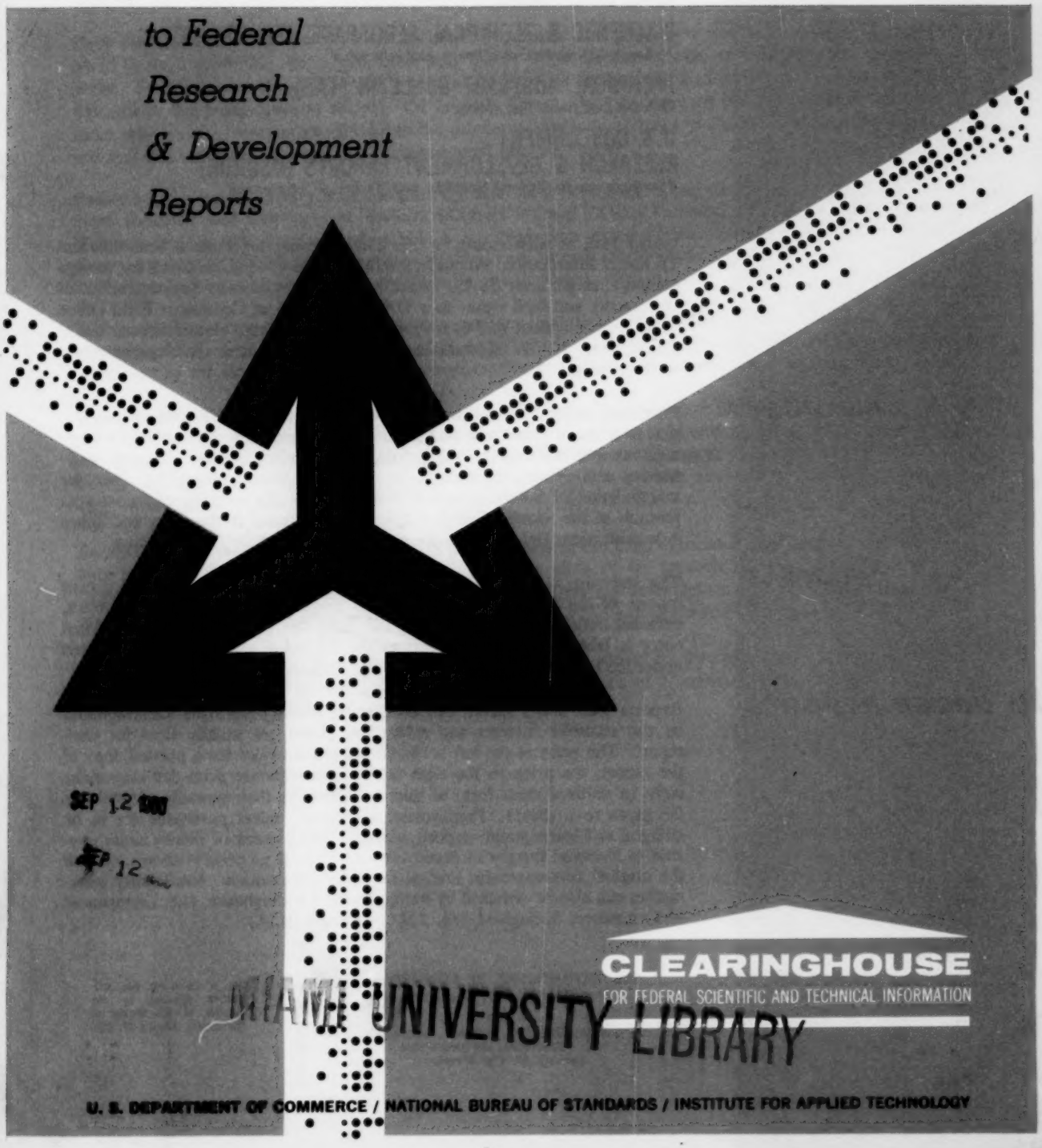
C 51.9: 2/4

May 15, 1966

GOVERNMENT-WIDE INDEX

to Federal Research & Development Reports



SEP 12 1967
SEP 12

CLEARINGHOUSE
FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

MIAMI UNIVERSITY LIBRARY

U. S. DEPARTMENT OF COMMERCE / NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

Government-Wide

INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

ANNOUNCED IN

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

TECHNICAL ABSTRACT BULLETIN (TAB)
Defense Documentation Center

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

Issued 15th of each month by the Clearinghouse for Federal Scientific and Technical Information. Annual subscription $16 ($4.00 additional for foreign mailing); single copy $1.75. Make remittance payable to Superintendent of Documents and mail either to a U.S. Department of Commerce Field Office or to Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Address changes should be sent to the Superintendent of Documents.

PURPOSE

Published by the Clearinghouse for Federal Scientific and Technical Information to satisfy a need for a single reference guide to new unclassified Government-sponsored research and development in the physical sciences, engineering and related technology. It is compiled each month by computer manipulation of indexing records from the previous month's announcement journals of the Atomic Energy Commission, National Aeronautics and Space Administration, Defense Documentation Center, and the Clearinghouse.

FORMAT

The indexing records relating to Government research and development reports of the four journals are merged under the four indexes of subject, personal author, corporate author, and accession/report number. A typical entry is labeled and detailed instructions for using each index is presented under the heading "How To Use Indexes" following the foreword.

TO ORDER REPORTS

Reports with prices shown can be ordered directly from the Clearinghouse by the accession number and title. Two prices are usually cited for each report. The price to the left is the Clearinghouse price for a printed copy of the report; the price to the right is the Clearinghouse price for microfiche copy (a unitized sheet form of microphotography that normally can contain 57 pages to a sheet). Prepayment is required unless purchases are to be charged to Clearinghouse deposit account. Make check or money order payable to National Bureau of Standards—CFSTI. If no price is shown, consult the original announcement journal for order information. Availability information can also be obtained by writing to the Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 (Code 410.14).

U.S. DEPARTMENT OF COMMERCE
John T. Connor, Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Bernard M. Fry, Director

Use of funds for this publication approved by the Director of the Bureau of the Budget, January 27, 1965

FOREWORD

The purpose of this *Government-Wide Index to Federal Research and Development Reports* is to provide a single, easy-to-use guide to Government-sponsored research and development reports listed in the four major technical report announcement journals issued by the Federal agencies.

Since this combined index was produced entirely by computer manipulation of data records which were prepared by the contributing agencies for other purposes, it is inevitable that some errors and inconsistencies will occur. The Clearinghouse and the other contributing agencies are striving to eliminate such errors; in addition, efforts are being made to improve the content, format and type faces so that this Government-Wide Index will become increasingly valuable to the general public as a reference tool and order guide. It is planned that this index will appear soon in conventional printing format.

Punched paper tape is produced by the Clearinghouse as a byproduct of the preparation of *U. S. Government Research and Development Reports* (USGRDR) and DOD's *Technical Abstract Bulletin* (TAB). Magnetic tape records are produced by NASA as a byproduct of the publication of *Scientific and Technical Aerospace Reports* (STAR). Two kinds of punched card records are produced by AEC to create the indexes to *Nuclear Science Abstracts* (NSA) and to build an information retrieval file.

The four different sets of data records are computer-manipulated by the Clearinghouse to reformat them to the requirements of the four indexes in this journal. Initially, most of the programming and processing is being performed by the Aerospace Research Applications Center (ARAC) at Indiana University.

Since the contributing agencies do not as yet use the same rules for indexing or for creating machinable records, it is impossible at this time to eliminate all format errors, inconsistencies or duplications in the cataloguing and indexing, but the agencies are attempting to correct as many exceptions at the source as possible. An interagency task group is presently working on development of a compatible structure for scientific and technical vocabularies.

Because the type fonts available for computer printouts are limited (and different at each agency), the various data records will contain substitution "conventions" for some of the symbols normally used in scientific writing. In most cases, the symbols are spelled out; superscripts and subscripts are treated differently by the agencies, and the user is referred to the original journals for a full explanation of each agency's conventions.

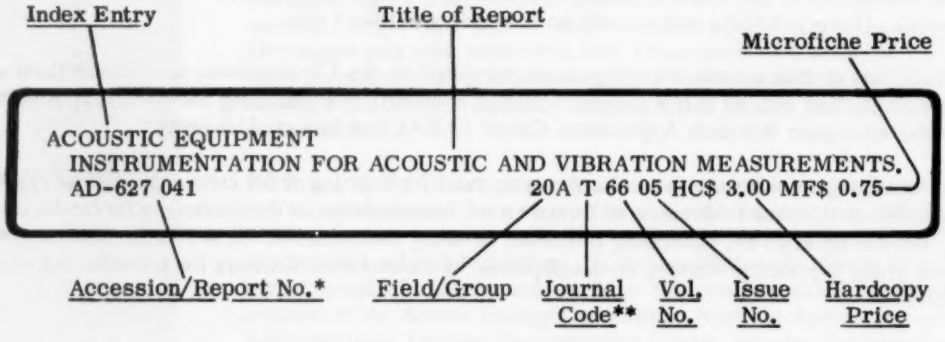
Comments and suggestions for improvement are invited, and should be directed to the Clearinghouse for Federal Scientific and Technical Information, U.S. Department of Commerce, Springfield, Va. 22151 (attention Code 410.12).

HOW TO USE

The access points to technical reports listed in this index include:

- Subject
- Personal Author
- Corporate Author
- Accession/Report Number

Each index is arranged alphanumerically (that is, alphabetic data precedes numeric data). A typical entry is as follows:



*The Accession/Report number is the number used by the announcing agency to uniquely identify the report; this number should be used in all correspondence with that agency.

**The code for the journal volumes and issues in which the reports are announced and abstracted are as follows:

U--U. S. Government Research and Development Reports, Clearinghouse for Federal Scientific and Technical Information.
T--Technical Abstract Bulletin, Defense Documentation Center of the Department of Defense.
N--Nuclear Science Abstracts, Atomic Energy Commission.
S--Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

**Due to a conversion in the computer program which produces the GWI, the symbols "N" for Nuclear Science Abstracts and "S" for Scientific and Technical Aerospace Reports will not appear in the entries for AEC and NASA reports until Vol. 2, No. 8.

INDEXES

SAMPLES

SUBJECT INDEX

Entries are placed in this index according to the subject terms assigned by the contributing agencies (this means "asterisked" descriptors for USGRDR entries, subject headings for STAR and NSA). The subject term appears at the top of each entry, flush left. The title of the report is indented below the subject term, except that for NSA entries the "modifier" which is assigned by AEC is used in place of the title. The "accession number line" follows the last line of the title. If two or more reports are indexed under the same subject term, they are listed in accession number sequence under the one term (separated by a blank line). If two or more reports under one subject heading have identically the same title, the title is printed once and the different accession number lines are printed below the title.

```
AEROSPACE CRAFT, CONTROL SYSTEMS
  PAPERS ON THE CONTROL OF DISTRIBUTED PARAMETER AEROELASTIC
  SYSTEMS.
  AD-627 048                          22B T 66 05 HC$ 5.00 MF$ 1.00

AEROSPACE CRAFT, THERMAL INSULATION
  EVALUATION OF THERMAL PROTECTIVE SYSTEMS FOR ADVANCED
  AEROSPACE VEHICLES, VOLUME I.
  AD-627 139                          11B T 66 05 HC$ 6.00 MF$ 1.25

  EVALUATION OF THERMAL PROTECTIVE SYSTEMS FOR ADVANCED
  AEROSPACE VEHICLES.  VOLUME II: APPENDICES.
  AD-627 140                          11B T 66 05 HC$ 8.80 MF$ 2.25
```

PERSONAL AUTHOR INDEX

Entries are arranged in this index according to the personal author, or editor, or patent assignee, etc. The names are presented last name first. The number of the report is indented below the author's name; in all other respects, this index is prepared in the same manner as the Subject Index. While it is true for all of the indexes in this journal, it is most noticeable in the Personal Author Index that a sorting by computer does not always put entries in order the way a human being would do it. The requirements of a computer sort cause "JOHNS, J. J." to appear after "JOHNSON, F. X." (the comma sorts after the O in "son"), but "SMITH-JONES, A. B." will appear ahead of "SMITHERS, P. P." (the hyphen sorts ahead of the E in SMITHERS).

```
DONOFEEV, A. N.
  AD-627 296                          16C T 66 05 HC$ 3.00 MF$ 0.75
DOUGAL, ARWIN A.
  AD-626 938                          20I T 66 05 HC$ 4.00 MF$ 0.75
  AD-626 939                          20I T 66 05 HC$ 4.00 MF$ 1.00
DOUGLASS, J. D.
  AD-626 727                          15E T 66 05 HC$ 3.00 MF$ 0.75
DOUSMANIS, GEORGE C.
  AD-626 775                          20F T 66 05 HC$ 1.00 MF$ 0.50
DRAPER, NORMAN R.
  AD-626 859                          12A T 66 05 HC$ 1.00 MF$ 0.50
DREBELBIS, H. C.
  AD-626 698                          6N T 66 05 HC$ 3.00 MF$ 0.75
DREMIN, A. N.
  AD-626 702                          19D T 66 05 HC$ 1.00 MF$ 0.50
DRESHER, LILLIAN
  AD-627 192                          6E T 66 05 HC$ 5.00 MF$ 1.00
DUGINSKII, YU. A.
  AD-626 970                          12A T 66 05 HC$ 2.00 MF$ 0.50
```

COPORATE AUTHOR INDEX

Entries are arranged in this index according to the corporate author of each report as cataloged by the contributing agencies. Some inconsistencies will be noticed during the first few months, but as the new corporate authority list prepared by the President's Council on Scientific and Technical Information (COSATI) comes into general use among the contributing agencies, it is expected that all entries for a given organization will come under a common heading in this index.

```
NOTRE DAME UNIV., IND.
  AN EXPERIMENTAL DETERMINATION OF THERMODYNAMIC AND
  ELECTRICAL PROPERTIES OF STRONTIUM ON TUNGSTEN.
  AD-627 081                          11F T 66 05 HC$ 3.00 MF$ 0.75

      .
      .
      .
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.  DEPT. OF
PHYSICS.
  TECHNICAL REPORT FOR THE PERIOD 1 OCTOBER 1962 THRU 31
  DECEMBER 1965.
  AD-626 808                          7D T 66 05 HC$ 4.00 MF$ 0.75
```

ACCESSION/REPORT NUMBER INDEX

Entries are arranged in this index alphanumerically by the accession number assigned by the contributing agency and by the technical report and monitoring agency number. The accession number will appear in sequence with the field/group, journal, and price information shown on the same line; other numbers associated with that report will appear in sequence followed by a second line which is indented and shows the accession number, field/group, journal, and price information. Every report covered in this index is represented by at least one unique number. Some reports may have more than one number. To order reports use the number listed on the price line.

```
AFCRL 65-812
  AD-627 001                          9D T 66 05 HC$ 2.00 MF$ 0.50
AFCRL 65-817
  AD-627 174                          20R T 66 05 HC$ 1.00 MF$ 0.50
AFCRL 65-829
  AD-627 038                          6K T 66 05 HC$ 3.00 MF$ 0.75
AFCRL 65-837
  AD-626 729                          20L T 66 05 HC$ 4.00 MF$ 0.75
AFCRL 65-847
  AD-626 807                          9B T 66 05 HC$ 3.00 MF$ 0.75
AFCRL 65-859
  AD-626 902                          9E T 66 05 HC$ 3.00 MF$ 0.75
AFCRL 65-867
  AD-627 029                          9D T 66 05 HC$ 2.00 MF$ 0.50
AFCRL 65-868
  AD-627 030                          9D T 66 05 HC$ 2.00 MF$ 0.50
AFCRL 65-908
  AD-626 759                          20L T 66 05 HC$ 3.00 MF$ 0.50
```

HOW INDEXES

GOVERNMENT-WIDE INDEX TO FEDERAL R AND D REPORTS
Volume 2 Number 4

Indexed in this issue are the unclassified/unlimited reports of U. S. Government-sponsored research and development previously announced in the following journals:

TECHNICAL ABSTRACT BULLETIN (TAB)	66-7 and 66-8
U. S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS (USGRDR)	Vol. 41, Nos. 7-8

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

CONTENTS

SUBJECT INDEX 1-109
(White Pages)

PERSONAL AUTHOR INDEX 111-196
(Green Pages)

CORPORATE AUTHOR INDEX 197-245
(Buff Pages)

ACCESSION/REPORT NUMBER INDEX 247-280
(Blue Pages)

SUBJECT INDEX

ABLATION, GRAPHITE
HIGH-TEMPERATURE KINETICS OF GRAPHITE OXIDATION BY DISSOCIATED OXYGEN.
AD-628 282 11B T 66 07

ABLATION, MATHEMATICAL MODELS
AN ANALYSIS OF CHARRING ABLATION THERMAL PROTECTION SYSTEM.
N66-13230 22B U 41 07 HC$ 4.00 MF$ 0.75

ABLATION, SUPERSONIC FLOW
UNSTEADY STATE DESTRUCTION OF GLASS-LIKE MATERIALS IN A SUPERSONIC GAS.
AD-629 472 7D T 66 08 HC$ 1.60 MF$ 0.50

ABLATION, THEORY
THE THERMODYNAMICS OF THE ZIRCONIA/ZIRCONIUM-OXYGEN VAPOR SYSTEM.
AD-629 570 11B T 66 08 HC$ 2.00 MF$ 0.50

ABRASIVES, PARTICLE SIZE
EFFECT OF ABRASIVE PARTICLE SIZE ON WEAR.
AD-628 718 11K T 66 07

ABSORPTION SPECTRUM, ANALYSIS
ANALYSIS OF THE SPECTRUM OF THE NITRIC OXIDE MOLECULE.
AD-628 818 7D T 66 07 HC$ 1.60 MF$ 0.50

ABSORPTION SPECTRUM, CHLORIDES
THE CONTINUOUS ABSORPTION SPECTRUM OF IODINE MONOCHLORIDE.
AD-629 253 7D T 66 08

ABSORPTION SPECTRUM, INFRARED RADIATION
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART III. A METHOD OF EXPERIMENTALLY DERIVING TRANSMISSIVITY.
AD-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50

ABSORPTION SPECTRUM, METAL CARBONYLS
ABSOLUTE INFRARED INTENSITIES OF THE FUNDAMENTAL ABSORPTION BANDS IN SOLID CARBONYL SULFIDE.
AD-629 464 7D T 66 08

ABSORPTION(PHYSICAL), AURORAE
AURORAL PHENOMENA IN AN INTEGRAL-INVARIANT COORDINATE SYSTEM.
AD-629 326 4A T 66 08

ABSORPTION(PHYSICAL), CEREALS
CONCERNING SOME FEATURES OF WETTING AND DEHYDRATION OF GRAIN.
AD-628 430 6H T 66 07 HC$ 1.00 MF$ 0.50

ABSORPTION, SEMICONDUCTORS
OPTICAL ABSORPTION IN AN ELECTRIC FIELD IN SEMI-INSULATING GALLIUM ARSENIDE.
AD-629 150 20L T 66 08

ABSORPTION, STRUCTURAL PARTS
R F TRANSPARENT, ENERGY ABSORBING, STRUCTURAL ELEMENTS, PHASE II.
N66-10885 22B U 41 08 HC$ 5.00 MF$ 1.00

ABSORPTION, TABLES
ABSORPTION TABLES FOR ELECTRON PROBE MICROANALYSIS.
N65-35830 20F U 41 07 HC$ 6.00 MF$ 1.50

ABSTRACTS, SCIENTIFIC RESEARCH
ANNUAL STATUS REPORT TO NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
N66-10886 5A U 41 08 HC$ 1.00 MF$ 0.50

ACCELERATION TOLERANCE, AMPHIBIANS
INVESTIGATIONS ON THE EFFECT OF REPEATED HIGH G FORCES ON FROGS.
AD-629 110 6S T 66 08

ACCELERATION TOLERANCE, DOGS
REPEATED, PROLONGED, LOW-INTENSITY +GZ EXPOSURES. ANATOMICAL STUDIES IN DOGS.
AD-628 945 6S T 66 08

ACCELERATION TOLERANCE, THRESHOLDS(PHYSIOLOGY)
THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS.
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

ACCELERATION TOLERANCE, VISUAL PERCEPTION
A STUDY OF EARLY GREYOUT THRESHOLD AS AN INDICATOR OF HUMAN TOLERANCE TO POSITIVE RADIAL ACCELERATORY FORCE.
AD-468 310 6S U 41 08 HC$ 1.00 MF$ 0.50

ACCELEROMETERS, DESIGN
DESIGN, DEVELOPMENT, FABRICATION, AND DELIVERY OF THREE /3/ STRAIN GAGE ACCELEROMETERS.
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75

ACETAL PLASTICS, CORROSION INHIBITION
PROTECTION OF STEEL AND LIGHT ALLOYS WITH POLYVINYL BUTYRAL PHOSPHATIZING PRIMERS VL-023.
AD-628 185 11C T 66 07 HC$ 1.00 MF$ 0.50

ACETAL PLASTICS, CROSS LINKING(CHEMISTRY)
CROSS-LINKED POLY- AND INTERPOLY(AMIDEACETALS).
PATENT 3,223,683 11A U 41 08

ACETAL PLASTICS, PREPARATION
INVESTIGATION OF THE ROLE OF FREE RADICALS IN THE ACETALDEHYDE POLYMERIZATION PROCESS IN THE SOLID PHASE UNDER GAMMA-IRRADIATION.
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50

ACETIC ANHYDRIDES, OXYGEN
REACTION OF OXYGEN ATOMS WITH ACETALDEHYDE.
AD-629 748 7C T 66 08

ACETONES, ELECTRON BOMBARDMENT
ELECTRON-IMPACT ENERGY SPECTRA OF ACETONE AND 2-BUTANONE.
AD-628 904 7D T 66 08

ACETONITRILES, ELECTROCHEMISTRY
CALIBRATION OF THE GLASS ELECTRODE IN ACETONITRILE. SHAPE OF POTENTIOMETRIC TITRATION CURVES. DISSOCIATION CONSTANT OF PICRIC ACID.
AD-629 614 7D T 66 08

ACETYLENES, PHOTOCHEMISTRY
THE FORMATION AND PROPERTIES OF CERTAIN CUMETARY SPECIES.
N66-10757 7E U 41 08 HC$ 3.00 MF$ 0.75

ACHIEVEMENT TESTS, PROGRAMMED INSTRUCTION
MEASURES ON ABILITY AND PROGRAMED INSTRUCTION PERFORMANCE.
AD-629 443 5I T 66 08 HC$ 1.60 MF$ 0.50

ACOUSTIC DETECTORS, ARMED FORCES SUPPLIES
POSSIBLE COMBAT APPLICATION OF EXPERIMENTAL STEALTH MEASURING DEVICE.
AD-629 197 17A T 66 08 HC$ 1.60 MF$ 0.50

ACOUSTIC EQUIPMENT, SEMICONDUCTOR DEVICES
ACTIVE ACOUSTIC DEVICES.
AD-628 450 9A T 66 07 HC$ 3.00 MF$ 0.75

ACOUSTIC TORPEDOES, DELAY CIRCUITS
TIME DELAY CIRCUITS FOR ECHO CONTROLLED STEERING GEAR.
PATENT 3,221,694 19H U 41 07

ACOUSTIC TORPEDOES, TARGET DISCRIMINATION
TARGET ANGLE DISCRIMINATOR FOR DIRECTIONALLY SENSITIVE WAVE ENERGY RECEIVERS.
PATENT 3,221,693 19H U 41 07

ACOUSTICS, AMPLIFIERS
MICROWAVE RESEARCH.
AD-628 941 20E T 66 08 HC$ 1.60 MF$ 0.50

ACOUSTICS, ATMOSPHERE
A METHOD FOR THE COMPUTATION OF NORMAL MODE DISPERSION CURVES OF ATMOSPHERIC GRAVITY WAVES IN WINDY ATMOSPHERES.
AD-628 942 20A T 66 08 HC$ 3.60 MF$ 0.50

UNUSUAL AUDIBILITY OF THE SUFFIELD EXPLOSION IN CANADA, JULY 1964.
AD-629 364 20A T 66 08

ACOUSTICS, PIPES
FINITE-AMPLITUDE TRAVELING WAVES WITH BOUNDARY DISSIPATION.
AD-628 671 20A T 66 07 HC$ 6.00 MF$ 1.25

ACOUSTICS, UNDERWATER SOUND
MEASUREMENTS OF THE SPATIAL CORRELATION OF AMBIENT NOISE USING A DEEP-SUBMERGENCE VEHICLE (DIVING SAUCER SP-300).
AD-628 938 20A T 66 08 HC$ 1.00 MF$ 0.50

TEMPERATURE-AND WIND-DEPENDENT AMBIENT NOISE UNDER MIDWINTER PACK ICE.
AD-629 276 20A T 66 08

ACRIDINES, PHOTOCHEMISTRY
PHOTOREACTIVE STATE OF ACRIDINE IN SOLUTION.
AD-629 489 7E T 66 08

ACRYLIC RESINS, COMPRESSIVE PROPERTIES
SHOCK WAVE COMPRESSION OF 'PLEXIGLAS' IN THE 2.5 TO 20 KILOBAR REGION.
AD-628 715 20K T 66 07

ACRYLIC RESINS, NUCLEAR MAGNETIC RESONANCE
PROTON MAGNETIC RESONANCE LINE WIDTH AS A FUNCTION OF POLYMER TACTICITY.
AD-629 747 7D T 66 08

ACRYLIC RESINS, PREPARATION
CARBOHYDRATE DERIVED POLYAMIDES.
PATENT 3,225,012 11I U 41 08

ACTINIDE SERIES COMPOUNDS, CHEMISTRY
CHEMISTRY OF RARE EARTH AND ACTINIDE DERIVATIVES TETRAPYRROL PIGMENT DERIVATIVES OF RARE EARTH ELEMENTS AND ACTINIDES: ANALYTICAL SURVEY.
AD-629 515 7C T 66 08 HC$ 2.00 MF$ 0.50

ACTUATORS, NUCLEAR REACTORS
PNEUMATIC NUTATOR ACTUATOR MOTOR.
N66-12149 13G U 41 08 HC$ 4.00 MF$ 1.00

ACTUATORS, SYSTEMS ENGINEERING
ELECTRO-PNEUMATIC ACTUATION SYSTEM.
N66-10930 13G U 41 08 HC$ 2.00 MF$ 0.50

ADAPTIVE CONTROL SYSTEMS, FLIGHT CONTROL SYSTEMS
INVESTIGATION OF THE CONCEPT OF DIRECT FLIGHT CONTROL.
AD-628 087 1C T 66 07 HC$ 2.00 MF$ 0.50

ADAPTIVE CONTROL SYSTEMS, OPTIMIZATION
ON THE FORMULATION OF ADAPTIVE OPTIMAL CONTROL PROBLEMS.
AD-629 691 9C T 66 08

ADAPTIVE CONTROL SYSTEMS, PER FORMANCE(ENGINEERING)
ON THE RELATIVE TIME OF ADAPTIVE PROCESSES.
AD-629 057 9C T 66 08

ADAPTIVE SYSTEMS, CONTROL SYSTEMS
STOCHASTIC STABILITY AND THE DESIGN OF FEEDBACK CONTROLS.
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50

ADAPTIVE SYSTEMS, SIGNAL GENERATORS
ADAPTIVE SIGNAL RECONSTRUCTION.
AD-629 409 9D T 66 08

ADENOSINE PHOSPHATES, CHEMORECEPTORS
THE ADENOSINE-TRIPHOSPHATASE ACTIVITY OF ADRENAL CHROMAFFIN.
AD-629 258 6A T 66 08

ADENOSINE PHOSPHATES, RADIATION EFFECTS
USAF RADIATION LABORATORY QUARTERLY PROGRESS REPORT NO. 58.
AD-629 311 6A T 66 08 HC$ 2.00 MF$ 0.50

ADHESIVES, POLYMERS
INVESTIGATION OF RESINOUS MATERIALS FOR USE AS SOLAR CELL COVER GLASS ADHESIVE.
N66-11228 11A U 41 08 HC$ 1.00 MF$ 0.50

ADHESIVES, CONDUCTIVITY
CONDUCTIVE ADHESIVES. A SUBSTITUE FOR SOLDER.
BOX-613-7 11A U 41 08 HC$ 1.00 MF$ 0.50

ADHESIVES, NON-DESTRUCTIVE TESTING
NONDESTRUCTIVE TESTING FOR EVALUATION OF STRENGTH OF BONDED MATERIAL.
N66-11761 13H U 41 08 HC$ 4.00 MF$ 1.00

ADHESIVES, PREPARATION
CROSS-LINKED POLY- AND INTERPOLY(AMIDEACETALS).
PATENT 3,223,683 11A U 41 08

ADIPOSE TISSUES, METABOLISM
ADAPTIVE CHANGES IN ENZYME ACTIVITY AND METABOLIC PATHWAYS IN ADIPOSE TISSUE FROM MEAL-FED RATS.
AD-629 329 6A T 66 08

ADIPOSE TISSUE, KETONES
FACTORS INFLUENCING THE UTILIZATION OF KETONE BODIES BY MOUSE ADIPOSE TISSUE.
AD-629 317 6A T 66 08

ADIPOSE TISSUE, METABOLISM
INFLUENCE OF PERIODICITY OF EATING ON ADIPOSE TISSUE METABOLISM IN THE RAT.
AD-628 963 6P T 66 08

ADJUSTMENT(PSYCHOLOGY), NAVAL PERSONNEL
PSYCHIATRIC RE-EXAMINATION OF UNSUITABLE NAVAL RECRUITS: A TWO-YEAR FOLLOW-UP.
AD-628 754 5I T 66 07

ADRENAL MEDULLA HORMONES, REPRODUCTIVE SYSTEM
DISTRIBUTION AND FUNCTION OF ADRENERGIC NERVES IN THE RABBIT FALLOPIAN TUBE.
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50

ADSORPTION, CESIUM
ADSORPTION OF CESIUM ON INSULATORS.
N66-12163 20J U 41 08 HC$ 2.00 MF$ 0.50

ADSORPTION, SUBSTRATES
DEPENDENCE OF ADSORPTION PROPERTIES ON SURFACE STRUCTURE FOR BODY-CENTERED-CUBIC SUBSTRATES.
N66-12528 7D U 41 07 HC$ 1.00 MF$ 0.50

AERIAL PHOTOGRAPHS, INFORMATION RETRIEVAL
STUDY OF NIMBUS SATELLITE PHOTOGRAPH ARCHIVES SYSTEM REQUIREMENTS FOR UNITIZED MICROFORM.
PB-169 372 14E U 41 08 HC$ 5.60 MF$ 0.50

AERIAL PHOTOGRAPHY, ATMOSPHERIC REFRACTION
ANALYSIS OF OPTICAL WAVEFRONT DISTORTIONS CAUSED BY THE ATMOSPHERE.
AD-468 153 14E U 41 08 HC$ 3.00 MF$ 0.75

AERIAL PHOTOGRAPHY, PHOTOINTERPRETATION
STUDY OF IMAGE-EVALUATION TECHNIQUES.
AD-466 577 14E U 41 07 HC$ 3.00 MF$ 0.75

AERIAL PHOTOGRAPHY, SOUNDING ROCKETS
PHOTO INTERPRETATION OF WHITE SANDS ROCKET PHOTOGRAPHY. REPORT NO. 2.
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75

AERIAL RECONNAISSANCE, PHOTOGRAPHIC IMAGES
STUDY OF IMAGE-EVALUATION TECHNIQUES.
AD-457 952 14E U 41 08 HC$ 2.00

AERODYNAMIC CHARACTERISTICS, BODIES OF REVOLUTION
THE NEWTONIAN DIFFUSE METHOD FOR COMPUTING AERODYNAMIC FORCES.
AD-628 762 20D T 66 07 HC$ 3.60 MF$ 0.50

AERODYNAMIC CONFIGURATIONS, RESEARCH PLANES
DOWNWASH TESTS OF THE DUAL TANDEM DUCTED PROPELLER VTOL RESEARCH AIRCRAFT CONFIGURATIONS TO EVALUATE ENGINE INLETS, PROTECTION DEVICES AND STUDY AERODYNAMIC INTERFERENCE.
AD-628 669 1A T 66 07 HC$16.00 MF$ 1.00

AERODYNAMIC HEATING, HEAT SHIELDS
AN ANALYSIS OF CHARRING ABLATION THERMAL PROTECTION SYSTEM.
N66-13230 22B U 41 07 HC$ 4.00 MF$ 0.75

AERODYNAMIC LOADING, MATHEMATICAL PREDICTION
A METHOD FOR PREDICTING THE AERODYNAMIC LOADS AND DYNAMIC RESPONSE OF ROTOR BLADES.
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75

AERODYNAMICS, BALLOONS
A VERIFICATION OF THE USE OF THE EFFECTIVE VERTICALLY INTEGRATED STANDARD DEVIATION OF THE WIND IN ESTIMATING DISPERSION OF VERTICALLY RISING BALLOONS.
AD-628 875 1A T 66 07 HC$ 3.60 MF$ 0.50

AERODYNAMICS, BODIES OF REVOLUTION
AERODYNAMICS OF BODIES OF REVOLUTION.
AD-629 643 20D T 66 08 HC$ 4.00 MF$ 0.75

AERODYNAMICS, HYPERSONIC PLANES
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 9.45.
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50

AERODYNAMICS, PARAWINGS
THEORETICAL AERODYNAMICS OF FLEXIBLE WINGS AT LOW SPEEDS. V. ENGINEERING METHOD FOR ESTIMATING PARAWING PERFORMANCE.
AD-628 579 20D T 66 07 HC$11.60 MF$ 0.75

AERODYNAMICS, SATELLITES(ARTIFICIAL)
AERODYNAMIC TORQUE ON A SPINNING SPHERICAL SATELLITE.
AD-628 111 22C T 66 07 HC$ 1.60 MF$ 0.50

AERODYNAMICS, SCIENTIFIC RESEARCH
NEWS OF INSTITUTIONS OF HIGHER LEARNING. AERONAUTICAL ENGINEERING (COLLECTION OF ARTICLES), NO. 4, 1963.
AD-629 441 1B T 66 08 HC$26.30 MF$ 1.25

AERODYNAMICS, TEST FACILITIES
RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

AERODYNAMICS, TURBULENT BOUNDARY LAYER
PRESSURE FLUCTUATIONS IN TURBULENT BOUNDARY LAYERS.
N66-13232 20D U 41 07 HC$ 2.00 MF$ 0.50

AERONAUTICS, DICTIONARIES
DICTIONARY OF TECHNICAL TERMS FOR AEROSPACE.
N66-10413 1B U 41 07 HC$ 3.00 MF$ 1.75

AERONAUTICS, ENGINEERING
NEWS OF INSTITUTIONS OF HIGHER LEARNING. AERONAUTICAL ENGINEERING (COLLECTION OF ARTICLES), NO. 4, 1963.
AD-629 441 1B T 66 08 HC$26.30 MF$ 1.25

AERONAUTICS, PHOTOGRAPHIC RECORDING SYSTEMS
AN EXPERIMENTAL METHOD FOR DETERMINING THE FLIGHT PATH OF LOW-FLYING AIRCRAFT.
AD-629 453 1B T 66 08 HC$ 1.60 MF$ 0.50

AERONAUTICS, REPORTS
NEWS OF INSTITUTIONS OF HIGHER LEARNING. AERONAUTICAL ENGINEERING (COLLECTION OF ARTICLES).
AD-628 788 20D T 66 07 HC$23.40 MF$ 1.25

AEROSOL GENERATORS, AEROSOLS
AN APPARATUS TO STUDY THE COLLISION AND COALESCENCE OF LIQUID AEROSOLS.
AD-628 451 13G T 66 07

AEROSOLS, BIBLIOGRAPHIES
CBE FACTORS: ANNOTATED BIBLIOGRAPHY.
AD-628 553 6M T 66 07 HC$ 4.60 MF$ 0.50

AEROSOLS, GAS FLOW
THEORY OF COAGULATION AND PRECIPITATION OF PARTICLES OF AEROSOL IN TURBULENT FLOW OF GAS. ON THE COEFFICIENT OF CAPTURE OF AEROSOL PARTICLES.
AD-629 045 7D T 66 08 HC$ 1.00 MF$ 0.50

AEROSOLS, PARTICLE TRAJECTORIES
AN APPARATUS TO STUDY THE COLLISION AND COALESCENCE OF LIQUID AEROSOLS.
AD-628 451 13G T 66 07

AEROSPACE CRAFT, TRAJECTORIES
OPERATING BOUNDARIES FOR STEADY HYPERSONIC FLIGHT ON A MINOR CIRCLE.
AD-629 043 22B T 66 08

AFRICA, PHOTOGEOLOGY
PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS.
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50

AGRICULTURE, CLIMATOLOGY
AGROCLIMATIC HANDBOOK FOR TYUMEN' OBLAST (SOUTHERN PART).
AD-629 662 4B T 66 08 HC$ 1.00 MF$ 0.50

AGRICULTURE, PESTICIDES
CBE FACTORS: MONTHLY SURVEY NO. 1.
AD-628 294 6F T 66 07 HC$ 3.00 MF$ 0.75

CBE FACTORS: MONTHLY SURVEY NO. 2.
AD-628 848 6F T 66 07 HC$ 3.00 MF$ 0.75

AGRICULTURE, RADIOLOGICAL CONTAMINATION
POSTATTACK FARM PROBLEMS. PART II. ATTACK EFFECTS ON INPUTS AND FARM OUTPUT.
AD-629 139 15C T 66 08 HC$19.20 MF$ 1.25

AIR FORCE OPERATIONS, MODEL THEORY
PROCEDURES FOR COMPARING THE CORRELATED OUTPUTS OF TWO AIR FORCE BASES,
AD-629 129 12B T 66 08 HC$ 3.60 MF$ 0.50

AIR FORCE PERSONNEL, JOB ANALYSIS
IDENTIFICATION OF JOB REQUIREMENT FACTORS BY USE OF SIMULATED JOBS,
AD-628 952 5I T 66 08

EVOLUTION OF A JOB INVENTORY AND TRYOUT OF TASK RATING FACTORS,
AD-629 573 5I T 66 08 HC$ 3.60 MF$ 0.50

AIR FORCE PERSONNEL, OFFICER PERSONNEL
OFFICER GRADE REQUIREMENTS PROJECT. II. JOB DESCRIPTIONS, SAMPLE SELECTION, AND CRITERION BOARD,
AD-629 575 5I T 66 08 HC$ 4.60 MF$ 0.50

AIR FORCE PERSONNEL, PSYCHOMETRICS
USAF OFFICER EVALUATION SYSTEM SURVEY: ATTITUDES AND EXPERIENCE,
AD-628 551 5I T 66 07 HC$ 8.60 MF$ 0.75

AIR FORCE PERSONNEL, RECRUITING
A METHOD FOR ESTABLISHING USAF RECRUITING SERVICE GROUP ENLISTMENT OBJECTIVES BASED ON APTITUDE AND INTEREST CHARACTERISTICS,
AD-629 574 5I T 66 08 HC$ 2.60 MF$ 0.50

AIR FORCE PROCUREMENT, TURBOJET ENGINES
TURBOJET ENGINE PROCUREMENT COST ESTIMATING RELATIONSHIPS,
AD-628 057 15E T 66 07 HC$ 3.00 MF$ 0.75

AIR FORCE RESEARCH, MANAGEMENT ENGINEERING
THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION,
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

AIR FORCE RESEARCH, RESEARCH PROGRAM ADMINISTRATION
THE IMPORTANCE OF PROPERLY DESCRIBING THE OBJECTIVES OF THE AFOSR PROGRAM,
AD-628 527 5A T 66 07 HC$ 1.60 MF$ 0.50

AIR FORCE RESEARCH, REVIEWS
AIR FORCE ACADEMY RESEARCH BULLETIN, VOLUME 6,
AD-628 257 5A T 66 07 HC$ 3.00 MF$ 0.75

AIR FORCE TRAINING, MAINTENANCE PERSONNEL
PERFORMANCE EVALUATION OF APPRENTICE AIRCRAFT ELECTRONIC NAVIGATION EQUIPMENT REPAIRMEN (GENERAL) (GRADUATES OF ATC COURSE NO. ABR30131),
AD-466 126 5I U 41 07 HC$ 2.00 MF$ 0.50

AIR MASS ANALYSIS, WEATHER FORECASTING
700-MB. WARM AIR ADVECTION AS A FORECASTING TOOL FOR MONTANA AND NORTHERN IDAHO,
PB-169 386 4B U 41 08 HC$ 1.60 MF$ 0.50

AIR POLLUTION, FISSION PRODUCTS
90 SR, 137 CS, AND RADIOACTIVE RARE EARTHS IN ENVIRONMENTAL RAIN AND AIR AT LOS ALAMOS, NEW MEXICO, 1963-1964,
LA-3382 6R U 41 07 HC$ 1.00 MF$ 0.50

AIR POLLUTION, SYMPOSIA
PROCEEDINGS OF THE CONFERENCE ON ATMOS- PHERIC CONTAMINATION IN CONFINED SPACES, 30 MARCH-1 APRIL 1965,
AD-629 622 6K T 66 08 HC$ 7.00 MF$ 1.50

AIR POLLUTION, VOLCANOES
DISTRIBUTION OF VOLCANIC FALLOUT IN AND ABOUT A ONE-STORY RESIDENCE,
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75

AIR TRAFFIC CONTROL SYSTEMS, EXPERIMENTAL DATA
EXPERIMENTS ON SYSTEMS,
AD-628 558 5H T 66 07

AIRCRAFT ENGINES, SUPERCONDUCTORS
SUPERCONDUCTING ELECTRICAL MACHINERY AS A MEANS OF POWER TRANSMISSION IN AIRCRAFT,
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75

AIRCRAFT EQUIPMENT, SWITCHING CIRCUITS
INVESTIGATION OF CONTACTLESS SWITCHING CONCEPTS FOR APPLICATION TO AIRCRAFT ELECTRICAL SYSTEMS. VOLUME VI. FLIGHT TEST EVALUATION OF A PROTOTYPE CONTACTLESS SWITCHING SYSTEM,
AD-628 581 1C T 66 07 HC$11.60 MF$ 0.75

AIRCRAFT LANDINGS, AVIATION SAFETY
ANALYSIS OF SAFETY ASPECTS OF AIRCRAFT LANDING OPERATIONS,
AD-430 087 1B U 41 07 HC$ 5.00

AIRCRAFT SEATS, DESIGN
ADAPTION OF XM30 CATAPULT TO OPERATIONAL CONDITIONS. TASK I. DESIGN OF CATAPULT, AIR- CRAFT EJECTION SEAT: XM31. TASK II. MODIFICA- TION TO AIRCRAFT SEATS AND ROCKET CATAPULTS FOR ACTUATION OF COMPENSATING NOZZLES,
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50

AIRCRAFT TORPEDOES, STABILIZATION SYSTEMS
TORPEDO STABILIZER MARK 31 MOD 0 DEVELOP- MENT PHASE,
AD-628 505 19H T 66 07 HC$ 2.00 MF$ 0.50

AIRCRAFT, BRAKES
A STUDY OF THE DYNAMICS OF AIRPLANE BRAKING SYSTEMS AS AFFECTED BY TIRE ELASTICITY AND BRAKE RESPONSE,
N65-35952 1C U 41 07 HC$ 3.00 MF$ 0.50

AIRFOILS, PRESSURE
MINIMUM PRESSURE ENVELOPES FOR MODIFIED NACA-66 SECTIONS WITH NACA A=0.8 CAMBER AND BUSHIPS TYPE I AND TYPE II SECTIONS,
AD-629 379 20D T 66 08 HC$ 4.60 MF$ 0.50

AIRFRAME BEARINGS, JOURNAL BEARING
A STUDY OF SLEEVE BEARINGS IN AIRCRAFT SUPPORT STRUCTURES,
AD-628 937 13I T 66 08 HC$ 2.00 MF$ 0.50

AIRFRAMES, COMPOSITE MATERIALS
A SURVEY OF COMPOSITE MATERIALS AND STRUCTURES,
AD-628 668 11D T 66 07 HC$ 1.00 MF$ 0.50

AIRFRAMES, PLASTICS
A PRELIMINARY STUDY TO DETERMINE THE FEASIBILITY OF REINFORCED PLASTIC COLUMN MEMBERS FOR AIRCRAFT STRUCTURES,
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75

AIRPORTS, LIGHTING EQUIPMENT
DEVELOPMENT OF A LOW COST SECONDARY AIRPORT LIGHTING SYSTEM,
PB-169 155 1E U 41 07 HC$ 2.00 MF$ 0.50

AIR, ELECTRICAL DISCHARGES
BREAKDOWN VOLTAGE CALCULATION FOR AIR IN UNIFORM FIELDS,
AD-628 347 20C T 66 07

AIR, PLASMA JETS
MICROWAVE DIAGNOSTICS OF ARC-HEATED NITROGEN AND AIR PLASMAS,
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50

ALASKA, SEISMOLOGY
SEISMIC STUDIES ON THE ALASKAN COASTAL PLAIN,
AD-628 490 8K T 66 07 HC$10.60 MF$ 0.75

ALBEDO (ASTRONOMY), SIMULATION
ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT,
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00

ALCOHOLS, DILECTRIC PROPERTIES
DIELECTRIC CONSTANT OF HYDROGEN-BONDED LIQUIDS. IV. EQUILIBRIUM AND RELAXATION STUDIES OF HOMOLOGOUS NEO-ALCOHOLS,
AD-628 410 7D T 66 07

ALCOHOLS, PHOTOCHEMISTRY
THE PHOTOCHEMICAL REACTION OF HYDROGEN PEROXIDE WITH ALLYL ALCOHOL-3,3-D2,
AD-628 086 7E T 66 07

ALCOHOLS, SURFACE TENSION
DISCONTINUITIES IN THE SURFACE STRUCTURE OF ALCOHOL-WATER MIXTURES,
AD-628 351 7D T 66 07 HC$ 2.00 MF$ 0.50

ALDEHYDES, POLYMERIZATION
INVESTIGATION OF THE ROLE OF FREE RADICALS IN THE ACETALDEHYDE POLYMERIZATION PROCESS IN THE SOLID PHASE UNDER GAMMA-IRRADIATION,
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50

ALDEHYDES, SYNTHESIS(CHEMISTRY)
SELECTIVE REDUCTIONS. VI. THE REACTION OF LITHIUM TRI-T-BUTOXY ALUMINOHYDRIDE WITH PHENOLIC ESTERS. A NEW ALDEHYDE SYNTHESIS,
AD-629 448 7C T 66 08

ALGAE, CHLOROPLASTS
CHLOROPLAST MULTIPLICATION AND GROWTH IN THE UNICELLULAR ALGA ACETABULARIA MEDITERRANEA,
AD-629 459 6C T 66 08

ALGEBRAIC GEOMETRY, THEORY
METODI ANALITICI PER VARIETA ABELIANE IN CARATTERISTICA POSITIVA. CAPITOLI 3, 4 (ANALYTICAL METHODS FOR ABELIAN VARIETIES IN POSITIVE CHARACTERISTICS. CHAPTERS 3, 4),
AD-628 350 12A T 66 07

ALGEBRAIC TOPOLOGY, MEASURE THEORY
THE SHILOV BOUNDARY OF THE ALGEBRA OF MEASURES ON A GROUP,
AD-628 094 12A T 66 07

THE STRUCTURE OF CONVOLUTION MEASURE ALGEBRAS,
AD-628 103 12A T 66 07

ALGEBRAIC TOPOLOGY, THEORY
ACTIONS OF R(N) ON MANIFOLDS,
AD-628 383 12A T 66 07 HC$ 2.60 MF$ 0.50

BOWLS, F-FIBRE-BUNDLES AND THE ALTERATION OF CRITICAL VALUES,
AD-629 611 12A T 66 08

ALGEBRAS, INDENTITIES
NON-ASSOCIATIVE NORMED ALGEBRAS AND HURWITZ' PROBLEM,
AD-629 618 12A T 66 08

ALGEBRAS, MAPPING(TRANSFORMATIONS)
NORM DECREASING HOMOMORPHISMS OF GROUP ALGEBRAS,
AD-629 617 12A T 66 08

ALGEBRAS, THEORY
REAL BANACH ALGEBRAS,
AD-629 083 12A T 66 08

ALGEBRA, N-BODY PROBLEM
ALGEBRAIC DERIVATION OF THE PARTITION FUNCTION OF A TWO-DIMENSIONAL ISING MODEL,
AD-629 176 12A T 66 08

ALGEBRA, PROGRAMMING(COMPUTER)
CALCULAID: AN ON-LINE SYSTEM FOR ALGEBRAIC COMPUTATION AND ANALYSIS.
AD-474 019 9B U 41 07 HC$ 3.00 MF$ 0.50

ALGEBRA, THEORY
DIMENSION THEORY IN COMPLETE ORTHOCOMPLEMENTED WEAKLY MODULAR LATTICES.
AD-628 104 12A T 66 07

ALGORITHMS, LINEAR PROGRAMMING
INTEGER PROGRAMMING BY IMPLICIT ENUMERATION AND BALAS' METHOD.
AD-628 361 12B T 66 07 HC$ 2.60 MF$ 0.50

ALGORITHMS, MATHEMATICAL PROGRAMMING
ON SOLVING BI-CRITERION MATHEMATICAL PROGRAMS.
AD-629 519 12B T 66 08 HC$ 3.60 MF$ 0.50

ALGORITHMS, SEARCH THEORY
SOME CONSIDERATIONS ON EVOLUTIONARY ALGORITHMS.
AD-629 107 12A T 66 08 HC$ 1.60 MF$ 0.50

ALKALI METAL COMPOUNDS, SPECTROSCOPY
EFFECT OF ADDED ELECTROLYTE ON THE ELECTRON SPIN RESONANCE SPECTRA OF SOLUTIONS OF METALS IN AMMONIA.
AD-629 208 7D T 66 08

ALKALI METAL COMPOUNDS, VISCOSITY
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 2. SOME ALKALI AND ALKALINE EARTH CHLORIDES.
AD-629 651 7D T 66 08

ALKALI METALS, FLUORESCENCE
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. IV. ENERGY TRANSFER IN RUBIDIUM -RUBIDIUM COLLISIONS.
AD-628 744 7E T 66 07

SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. III. ENERGY TRANSFER IN CESIUM-CESIUM COLLISIONS.
AD-629 065 7E T 66 08

ALKALI METALS, GASES
STATUS OF METHODS FOR DETERMINING CARBON, OXYGEN AND NITROGEN IN ALKALI METALS.
TIN-900 7B U 41 08 HC$ 1.00 MF$ 0.50

ALKALI METALS, HIGH-TEMPERATURE RESEARCH
SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM.
N66-12252 7D U 41 07 HC$ 2.00 MF$ 0.50

ALKALI METALS, ION EXCHANGE
ION EXCHANGE IN FUSED SALTS. II. THE DISTRIBUTION OF ALKALI METAL AND ALKALINE EARTH IONS BETWEEN CHABAZITE AND FUSED LINO3, NANO3, AND KNO3.
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50

ALKALINE CELLS, TESTS
ADVANCED DEVELOPMENT MODELS OF VENTED NICKEL-CADMIUM BATTERIES.
AD-629 419 10C T 66 08 HC$ 4.60 MF$ 0.50

ALKALINE EARTH COMPOUNDS, VISCOSITY
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 2. SOME ALKALI AND ALKALINE EARTH CHLORIDES.
AD-629 651 7D T 66 08

ALKALINE EARTH METALS, ION EXCHANGE
ION EXCHANGE IN FUSED SALTS. II. THE DISTRIBUTION OF ALKALI METAL AND ALKALINE EARTH IONS BETWEEN CHABAZITE AND FUSED LINO3, NANO3, AND KNO3.
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50

ALKANES, ABSORPTION SPECTRUM
ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS.
AD-629 551 7B T 66 08

ALKENES, CHEMICAL REACTIONS
REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARBON WITH OLEFINS.
AD-629 063 7C T 66 08

ALKENES, SUBSTITUTION REACTIONS
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XXII. INTRAMOLECULAR HYDROGEN TRANSFER REACTIONS IN BASE-CATALYZED ALLYLIC REARRANGEMENTS.
AD-629 639 7C T 66 08

ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XIII. STEREOCHEMICAL STABILITY OF ALLYLIC AND VINYL ANIONS.
AD-629 641 7C T 66 08

ALKYNES, CHEMICAL REACTIONS
ADDITION OF FLUOROACETYLENES TO GROUP V HYDRIDES.
AD-628 474 7C T 66 07

ALLOYS, BAND THEORY OF SOLIDS
SELF-CONSISTENT TREATMENT OF KONDO'S EFFECT IN DILUTE ALLOYS.
AD-628 434 20C T 66 07

ALLOYS, CHEMICAL ANALYSIS
PLASMA ARC STUDIES FOR ALLOY ANALYSIS.
AD-629 068 11F T 66 08 HC$ 1.00 MF$ 0.50

ALLOYS, CORROSION
EVALUATION OF METALLIC MATERIALS EXPOSED TO THE DEEP OCEAN ENVIRONMENT AT 5640 FEET FOR 123 DAYS.
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75

ALLOYS, CRYSTAL STRUCTURE
THE APPLICATION OF DIFFUSE X-RAY-SCATTERING TO THE STUDY OF THE STRUCTURE OF BINARY ALLOYS.
N66-12873 20B U 41 08 HC$ 1.00 MF$ 0.50

ALLOYS, STRESS CORROSION
MECHANISM OF STRESS CORROSION CRACKING IN FACE-CENTERED-CUBIC METALS.
AD-628 085 11F T 66 07 HC$ 1.00 MF$ 0.50

ALL-WEATHER AVIATION, TERMINAL FLIGHT FACILITIES
SUMMARY OF SHORT-PERIOD TERMINAL WEATHER INFORMATION STUDIES.
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75

ALL-WEATHER AVIATION, WEATHER FORECASTING
FORECASTING THE FREEZING LEVEL OBJECTIVELY AS AN AID IN FORECASTING THE LEVEL OF ICING.
PB-169 247 4B U 41 07 HC$ 1.00 MF$ 0.50

ALPHA DECAY, SODIUM
DELAYED ALPHA PARTICLES FROM NA20.
AD-628 077 20H T 66 07 HC$ 1.00 MF$ 0.50

ALPHA PARTICLE DETECTORS, SUPERCONDUCTORS
SUPERCONDUCTING NUCLEAR PARTICLE DETECTOR.
AD-629 059 18D T 66 08 HC$ 1.00 MF$ 0.50

ALPHA PARTICLES, SCATTERING
ELASTIC AND INELASTIC SCATTERING OF 40-MEV ALPHA PARTICLES FROM EVEN TIN ISOTOPES.
N65-35839 20H U 41 07 HC$ 2.00 MF$ 0.50

ALUMINUM ALLOYS, CORROSION
EVALUATION OF METALLIC MATERIALS EXPOSED TO THE DEEP OCEAN ENVIRONMENT AT 5640 FEET FOR 123 DAYS.
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75

ALUMINUM ALLOYS, FATIGUE(MECHANICS)
DETERMINATION OF LOW-TEMPERATURE FATIGUE PROPERTIES OF STRUCTURAL METAL ALLOYS.
N66-10611 11F U 41 08 HC$ 5.00 MF$ 1.00

ALUMINUM ALLOYS, FRACTURE(MECHANICS)
CRACK RESISTANCE PROPERTIES OF HIGH STRENGTH ALUMINUM ALLOYS.
AD-629 105 11F T 66 08 HC$ 3.00 MF$ 0.75

ALUMINUM ALLOYS, STRESSES
EXPERIMENTAL X-RAY STRESS ANALYSIS FOR PRECIPITATION HARDENED ALUMINUM ALLOYS.
N65-10668 11F U 41 08 HC$ 2.00 MF$ 0.50

LOCAL PLASTIC STRESSES IN SHEET ALUMINUM-ALLOY SPECIMENS WITH STRESS-CONCENTRATION FACTOR OF 2 UNDER CONSTANT-AMPLITUDE LOADING.
N66-12531 1C U 41 07 HC$ 1.00 MF$ 0.50

ALUMINUM ALLOYS, WELDING
A STUDY TO DEVELOP A MECHANIZED WELDING PROCEDURE TO JOIN THICK-GAGE ALUMINUM ALLOY PLATE USING NARROW-GAP TECHNIQUES.
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75

ALUMINUM ALLOYS, WELDS
EFFECT OF OUTPUT CURRENT WAVEFORM ON THE PROPERTIES OF ALUMINUM WELDS.
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50

ALUMINUM COMPOUNDS, OXIDES
OPTICAL ZEEMAN EFFECT IN THE R1 AND R2 LINES OF MN(4+) IN A1203.
AD-628 346 20L T 66 07

THE MECHANICAL PROPERTIES OF CERAMIC ALLOYS.
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50

ALUMINUM, DEFORMATION
AN EXPERIMENTAL INVESTIGATION OF THE PORTEVIN-LE CHATELIER EFFECT IN DEAD ANNEALED COMMERCIAL PURITY ALUMINUM.
AD-629 500 11F T 66 08 HC$ 5.00 MF$ 0.75

ALUMINUM, MECHANICAL PROPERTIES
EXPERIMENTAL DATA ON ALUMINUM AS AN UNSTABLE SOLID.
AD-628 398 20K T 66 07

ALUMINUM, NUCLEAR ENERGY LEVELS
MEAN LIFE OF THE 2.98-MEV LEVEL OF A147.
AD-628 880 20H T 66 07

ALUMINUM, NUCLEAR PROPERTIES
PROPERTIES OF THE 4.403-MEV EXCITED STATE OF A127.
AD-628 881 20H T 66 07

ALUMINUM, VACUUM
VACUUM EFFECTS ON THE TENSILE AND CREEP PROPERTIES OF ALUMINUM.
AD-629 019 11F T 66 08

AMERICIUM, IMPURITIES
ANALYSIS OF AMERICIUM FOR PLUTONIUM, THORIUM AND RARE EARTH IMPURITIES BY EMISSION SPECTROSCOPY.
RFP-414 7D U 41 08 HC$ 2.00 MF$ 0.50

AMERICIUM, SOLVENT EXTRACTION
ISOLATING AMERICIUM AND CURIUM FROM AL(NO3)3-NANO3-NO3 SOLUTIONS BY BATCH EXTRACTION WITH TRIBUTYL PHOSPHATE.
OP-972 7E U 41 08 HC$ 1.00 MF$ 0.50

AMIDE HYDROLASES, PSEUDOMONAS AEROGINOSA
PURIFICATION AND PROPERTIES OF ACYLTRANSFERASES FROM

PSEUDOMONAS AERUGINOSA.
AD-628 390 6A T 66 07

AMIDES, PLASTICIZERS
DIESTERAMIDE PLASTICIZERS.
PATENT 3,226,403 11I U 41 08

AMINE ACIDS, SYNTHESIS(CHEMISTRY)
SYNTHESIS OF TRITIATED POLY-L-LYSINE (GAMMA, DELTA-T2).
AD-629 294 6A T 66 08

AMINES, ENDOCRINE GLANDS
ACTION OF RESERPINE, IPRONIAZID AND PYROGALLOL ON NERVE ENDINGS OF THE PINEAL GLAND.
AD-629 054 6O T 66 08

AMINES, EXCRETION
URINARY EXCRETION OF VANILMANDELIC ACID AFTER PLUS GX IMPACT IN HUMANS.
AD-629 198 6S T 66 08 HC$ 1.00 MF$ 0.50

AMINES, NERVE CELLS
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS.
AD-628 741 6P T 66 07

AMINES, SYNTHESIS(CHEMISTRY)
THE SYNTHESIS OF ALKYLAMINOETHANETHIOLS SUBSTITUTED WITH HETEROCYCLIC MOIETIES AND THEIR DERIVATIVES.
AD-628 069 7C T 66 07 HC$ 3.00 MF$ 0.75

AMINO ACIDS, BACTERIA
SOME OF THE EFFECTS OF THREE AMINO ACIDS ON THE GROWTH OF HYDROGENOMONAS EUTROPHA.
N66-10956 6A U 41 08 HC$ 4.00 MF$ 0.75

AMINO ACIDS, VEGETABLES
ON PROTEINS OF CABBAGE: REPORT 1. AMINO ACID CONTENT OF PROTEINS.
AD-628 420 6A T 66 07 HC$ 1.00 MF$ 0.50

AMMONIA, MICROWAVE SPECTROSCOPY
LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

AMMONIA, RADIATION CHEMISTRY
RARE GAS ION REACTIONS WITH AMMONIA.
AD-629 378 7E T 66 08

AMPHIBIOUS VEHICLES, GROUND EFFECT MACHINES
GENINI ONE-TON AMPHIBIOUS OFF-HIGHWAY AIRTRANSPORTABLE VEHICLE, CONTINUATION OF PHASE I PROGRAM.
AD-629 648 1C T 66 08 HC$ 5.60 MF$ 0.75

AMPLIFIERS, DESIGN
INPUT OPERATIONAL AMPLIFIER.
AD-629 389 9E T 66 08 HC$ 1.00 MF$ 0.50

AMPLIFIERS, HYDROPHONES
SPAR ACOUSTIC SIGNAL AMPLIFICATION SYSTEM.
AD-628 487 9A T 66 07 HC$ 3.60 MF$ 0.50

ANALOG COMPUTERS, SIMULATION
INVESTIGATION OF THE STARTING CHARACTERISTIC OF THE M-1 ROCKET ENGINE USING THE ANALOG COMPUTER.
N66-12146 21H U 41 08 HC$ 2.00 MF$ 0.50

ANALOG COMPUTERS, FLUID AMPLIFIERS
LOW PRESSURE SIGNAL SENSOR AMPLIFIER AND ANALOG COMPUTER USING THE IMPACT MODULATOR AS THE BASIC ACTIVE PURE FLUID DEVICE. PART I. ANALOG COMPUTER.
AD-629 055 13G T 66 08 HC$ 3.00 MF$ 0.75

ANALOG SYSTEMS, NOISE(RADAR)
DIGITAL SIMULATION OF NOISE IN ANALOGUE SYSTEMS.
AD-628 819 9B T 66 07 HC$ 1.60 MF$ 0.50

ANALOG-DIGITAL COMPUTERS, ERRORS
BIBLIOGRAPHY AND SUMMARY OF METHODS RELATED TO THE ERROR ANALYSIS OF HYBRID COMPUTERS.
N66-13078 9B U 41 08 HC$ 2.00 MF$ 0.50

ANALOG-DIGITAL COMPUTERS, MONTE CARLO METHOD
HYBRID COMPUTER MONTE-CARLO TECHNIQUES.
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50

ANALYSIS OF VARIANCE, EFFECTIVENESS
SAMPLING WITH UNEQUAL PROBABILITIES AND WITHOUT REPLACEMENT (EVALUATION OF ASYMPTOTIC VARIANCE FORMULAS).
AD-628 388 12A T 66 07 HC$ 1.60 MF$ 0.50

ANECHOIC CHAMBERS, TEST FACILITIES
ACOUSTIC TRANSDUCER EVALUATION CENTER (TRANSDEC). NONREVERBERATING POOL DEVELOPED AT NFL FOR CALIBRATION AND EVALUATION.
AD-449 746 14B U 41 07 HC$ 2.00

ANGLE OF ATTACK, LIFT
A FLIGHT AND WIND TUNNEL INVESTIGATION OF THE EFFECT OF ANGLE-OF-ATTACK RATE ON MAXIMUM LIFT COEFFICIENT.
N65-35827 1A U 41 07 HC$ 3.00 MF$ 0.50

ANHYDRIDES, OXIDATION-REDUCTION REAC TIONS
THE REACTIONS OF 2- AND 4-PICOLINE N-OXIDE WITH PHENYLACETIC ANHYDRIDE.
AD-629 711 7C T 66 08

ANISOTROPY, COPPER ALLOYS
EFFECT OF CRYSTAL ANISOTROPY ON THE THERMAL CONDUCTIVITY OF COPPER ALLOYS.
AD-629 069 20L T 66 08

ANISOTROPY, FERROMAGNETIC MATERIALS
DISAPPEARANCE OF MAGNETOCRYSTALLINE ANISOTROPY EFFECTS ON SPIN RESONANCE OF YIG.
AD-629 716 20L T 66 08

ANODES, COOLING
AN ANODE COMPARISON STUDY IN A WALL-STABILIZED ARGON ARC.
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75

ANODES, ORGANIC COATINGS
AN INVESTIGATION OF COATINGS USED AS ANODE SCREENS IN CATHODIC PROTECTION (ISSLEDOVANIYE POKRYTIY DLYA PRIMENENIYA IKH V KACHESTVYE OKOLOANODYNKH EKRANOV PRI KATODNOY ZASHCHITYE).
AD-628 196 11C T 66 07

ANOPHELES, MORPHOLOGY(BIOLOGY)
KEYS TO THE ADULT FEMALE AND LARVAL ANOPHELINE MOSQUITOES OF THE PHILIPPINES.
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75

ANTARCTIC REGIONS, GEOLOGY
ON THE MODE OF UPLIFT OF THE FISH AND FOSSILIFEROUS MORAINES OF THE MCMURDO ICE SHELF, ANTARCTICA.
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50

ANTARCTIC REGIONS, LANDING FIELDS
COMPACTED-SNOW RUNWAYS IN ANTARCTICA, DEEP FREEZE 61-64 TRIALS.
AD-629 675 8L T 66 08 HC$ 4.60 MF$ 0.50

ANTARCTIC REGIONS, MARINE GEOLOGY
MARINE GEOLOGY, USNS ELTANIN CRUISES 9-15.
PB-169 184 8J U 41 08 HC$ 7.00 MF$ 1.50

ANTARCTIC REGIONS, STRUCTURAL GEOLOGY
CRUSTAL STRUCTURE IN EAST ANTARCTICA FROM SURFACE WAVE DISPERSION.
AD-628 463 8G T 66 07

ANTENNA ARRAYS, ANTENNA RADIATION PATTERNS
AN ANALYSIS OF SIMULTANEOUS BEAM FORMATION BY MEANS OF PASSIVE SCATTERING MATRICES AND UNIFORM PLANAR ANTENNA ARRAYS.
N65-17259 9E U 41 07 HC$ 3.00 MF$ 0.75

ANTENNA ARRAYS, ELECTRONIC SCANNERS
ELECTRONICALLY STEERABLE ARRAY.
AD-629 543 9E T 66 08 HC$ 4.60 MF$ 0.50

ANTENNA ARRAYS, GAIN
OPTIMIZATION OF GAIN ARBITRARY ARRAY ANTENNAS.
AD-628 943 9E T 66 08 HC$ 2.00 MF$ 0.50

ANTENNA ARRAYS, GLIDE PATH SYSTEMS
DIRECTIONAL GLIDE-SLOPE ANTENNA SYSTEM.
PB-169 196 17G U 41 07 HC$ 2.00 MF$ 0.50

ANTENNA COMPONENTS, COUPLING CIRCUITS
EVALUATION OF UHF ANTENNA COUPLERS TYPES CU-691/U AND CU-692/U.
PB-169 249 9A U 41 07 HC$ 2.00 MF$ 0.50

ANTENNA FEEDS, ANTENNA RADIATION PATTERNS
TRANSVERSE ANTENNA FEED STUDY.
AD-629 546 9E T 66 08 HC$ 4.00 MF$ 0.75

ANTENNA FEEDS, REFLECTORS
TRANSVERSE ANTENNA FEEDS.
AD-628 500 9E T 66 07 HC$ 7.60 MF$ 0.75

TRASVERSE FOCAL REGION FIELDS OF A SPHERICAL REFLECTOR.
AD-628 502 9E T 66 07 HC$ 9.60 MF$ 0.75

ANTENNA RADIATION PATTERNS, ANTENNA ARRAYS
AN ANALYSIS OF SIMULTANEOUS BEAM FORMATION BY MEANS OF PASSIVE SCATTERING MATRICES AND UNIFORM PLANAR ANTENNA ARRAYS.
N65-17259 9E U 41 07 HC$ 3.00 MF$ 0.75

ANTENNA RADIATION PATTERNS, DIPOLE ANTENNAS
THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS - PART II.
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50

THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS, PART III.
AD-629 620 9E T 66 08 HC$ 1.60 MF$ 0.50

ANTENNA RADIATION PATTERNS, HIGH FREQUENCY
GROUND SYSTEM EFFECT ON HIGH FREQUENCY ANTENNA PROPAGATION.
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50

ANTENNA RADIATION PATTERNS, MEASUREMENT
ERROR ANALYSIS OF FRESNEL-RING FOCUSING.
AD-629 108 20N T 66 08 HC$ 3.00 MF$ 0.75

ANTENNA RADIATION PATTERNS, ROCK(GEOLOGY)
BEARING TECHNIQUE IN THE NEAR FIELD OF A MAGNETIC TRANSMITTING DIPOLE IN THE VLF REGION.
AD-628 771 20N T 66 07 HC$ 1.60 MF$ 0.50

ANTENNAS, BIBLIOGRAPHICS
LITERATURE SURVEY PERTAINING TO ELECTRICALLY SMALL ANTENNAS, PROPAGATION THROUGH VEGETATION, AND RELATED TOPICS.
AD-629 155 9E T 66 08 HC$ 6.00 MF$ 1.50

ANTENNAS, CAMOUFLAGE
ANTENNA STUDY FOR COVERT APPLICATIONS.
AD-629 148 9E T 66 08 HC$ 3.00 MF$ 0.75

ANTENNAS, DESIGN

CONSTANT-BEAMWIDTH ANTENNA DEVELOPMENT.
AD-629 306 9E T 66 08 HC$ 3.00 MF$ 0.75

ANTENNAS, ELECTROMAGNETIC WAVE REFLECTIONS
TRANSVERSE ANTENNA FEEDS.
AD-628 500 9E T 66 07 HC$ 7.60 MF$ 0.75

TRASVERSE FOCAL REGION FIELDS OF A SPHERICAL REFLECTOR.
AD-628 502 9E T 66 07 HC$ 9.60 MF$ 0.75

ANTENNAS, SYNTHESIS
SYNTHESIS OF FLAT-APERTURE ANTENNAS.
AD-629 442 9E T 66 08 HC$ 1.10 MF$ 0.50

ANTIBIOTICS, CELL DIVISION
ACTINOMYCIN D: BLOCKAGE OF CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS.
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50

ANTIBIOTICS, DESOXYRIBONUCLEIC ACIDS
IN VIVO EFFECT OF NALIDIXIC ACID (NEGGRAM) ON THE DNA OF HUMAN DIPLOID CELLS IN TISSUE CULTURE.
AD-628 587 6O T 66 07

ANTIFERROMAGNETISM, NUCLEAR SPINS
VARIATIONAL APPROACHES TO THE ANTIFERROMAGNETIC LINEAR CHAIN.
AD-629 657 20L T 66 08

ANTIFERROMAGNETISM, RUBIDIUM COMPOUNDS
MAGNETIC STUDIES OF THE ANTIFERROMAGNET RBMNF3.
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50

ANTIFOULING COATINGS, MODEL TESTS
RAPID METHODS OF TESTING ANTIFOULING PAINTS FOR OCEAN-GOING SHIPS.
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50

ANTIGERRO MAGNETISM, NUCLEAR SPINS
WICK AND GOLDSTONE THEOREMS FOR GENERAL SPIN: ANTIFERROMAGNETIC SPIN WAVES II.
AD-629 141 20J T 66 08 HC$ 2.60 MF$ 0.50

APPROACH LIGHTS, HELIPORTS
GUIDE-LITE HELIPORT SYSTEM.
PB-169 195 17G U 41 08 HC$ 2.00 MF$ 0.50

APPROXI MATION(MATHEMATICS), FUNCTIONS
TABLES OF BEST TCHEBYCHEFF APPROXIMANTS FOR TIME-DELAY SIMULATION.
AD-628 219 12D T 66 07 HC$ 2.00 MF$ 0.50

APPROXIMATIONS(MATHEMATICS), SPECIAL FUNCTIONS(MATHEMATICAL)
RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS.
AD-628 888 12A T 66 08 HC$ 4.60 MF$ 0.50

APPROXIMATION(MATHEMATICS), ERRORS
TRUNCATION ERRORS IN TWO CHEBYSHEV SERIES APPROXIMATIONS.
AD-628 432 12A T 66 07

APPROXIMATION(MATHEMATICS), FUNCTIONS
INTERPOLATION AND APPROXIMATION WITH RATIONAL FUNCTIONS.
AD-628 397 12A T 66 07

APPROXIMATION(MATHEMATICS), INTEGRAL EQUATIONS
DIRECT EXPERIMENTAL TEST OF THE PY AND CHNC INTEGRAL EQUATIONS.
AD-629 250 7D T 66 08

APPROXIMATION(MATHEMATICS), PLASMA PHYSICS
SINGULAR SOLUTIONS OF CERTAIN INTEGRAL EQUATIONS.
AD-629 685 12A T 66 08 HC$ 4.60 MF$ 0.50

APPROXIMATION(MATHEMATICS), POLYNOMIALS
POLYNOMIALS OF BEST APPROXIMATION ON AN INTERVAL, II.
AD-629 538 12A T 66 08

BOUNDED POLYNOMIAL APPROXIMATION.
AD-629 593 12A T 66 08

CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS ON THE LOCUS OF THE INTERPOLATION POINTS.
AD-629 626 12A T 66 08

APPROXIMATION(MATHEMATICS), PROPAGATION
APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA.
N65-31137 20N U 41 07 HC$ 2.00 MF$ 0.50

APPROXIMATION(MATHEMATICS), TRANSMISSION LINES
ANALYSIS AND SYNTHESIS OF NON-UNIFORM TRANSMISSION LINES INCORPORATING LOSS.
AD-629 172 9A T 66 08

APPROXIMATION(MATHEMATICS), TURBULENCE
ISOTROPIC TURBULENCE AND INERTIAL-RANGE STRUCTURE IN THE ABRIDGED LHDI APPROXIMATION.
AD-628 540 20D T 66 07 HC$ 3.00 MF$ 0.75

INVARIANCE PRINCIPLES AND APPROXIMATION IN TURBULENCE DYNAMICS.
AD-628 542 20D T 66 07 HC$ 2.00 MF$ 0.50

APPROXIMATION(MATHEMATICS), WAVE FUNCTIONS
APPROXIMATION OF EXPECTATION VALUES.
AD-628 482 7D T 66 07

ARACHNIDS, ELECTRORETINOGRAPHY
RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. III. ELECTRORETINOGRAPHIC RESPONSES TO POLARIZED LIGHT.
AD-628 376 6C T 66 07

ARBOVIRUSES, CENTRAL NERVOUS SYSTEM
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE.
AD-628 619 6E T 66 07

ARC HEATERS, GAS FLOW
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

ARC WELDING, ALUMINUM ALLOYS
EFFECT OF OUTPUT CURRENT WAVEFORM ON THE PROPERTIES OF ALUMINUM WELDS.
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50

ARC WELDING, BIBLIOGRAPHIES
FERROUS ARC WELDING. PART II, SELECTED ABSTRACTS FROM THE LITERATURE.
AD-628 284 11F T 66 07 HC$28.70 MF$ 1.50

ARC WELDING, STEEL
FERROUS ARC WELDING. PART I. A CORRELATION OF THE LITERATURE ON WELDABILITY.
AD-628 156 11F T 66 07 MF$ 0.75

ARCTIC OCEAN, UNDERWATER SOUND
AMBIENT NOISE UNDER ARCTIC-SEA ICE.
AD-628 304 20A T 66 07

ARCTIC REGIONS, ICE
REPORT OF THE ARCTIC ICE OBSERVING AND FORECASTING PROGRAM, 1964.
AD-628 536 8L T 66 07 MF$ 1.00

ARC-JET ENGINES, PERFORMANCE(ENGI NEERING)
STUDY OF THE FACTORS AFFECTING THE EFFICIENCY IN THERMAL ACCELERATION OF PROPELLANTS.
AD-629 168 21C T 66 08 HC$ 5.00 MF$ 1.00

ARGON, LIQUID METAL COOLED REACTORS
ARGON GENERATION IN NAK-COOLED REACTORS.
NAA-SR-11303 18I U 41 07 HC$ 1.00 MF$ 0.50

ARGON, MOLECULAR PROPERTIES
DIRECT DETERMINATION OF THE INTERMOLECULAR POTENTIAL FUNCTION FOR ARGON FROM X-RAY SCATTERING DATA.
AD-629 251 7D T 66 08

ON, OPTICAL PROPERTIES
EFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE.
AD-629 252 7D T 66 08

ARGON, TRANSPORT PROPERTIES
ARGON PLASMA TRANSPORT PROPERTIES.
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50

ARGON, VISCOSITY
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

ARMED FORCES BUDGETS, URBAN AREAS
COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH.
PB-169 397 5C U 41 08 HC$ 3.00 MF$ 0.50

PB-169 398 5C U 41 08 HC$ 6.00 MF$ 1.50

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX I. DESCRIPTION OF ARMS REDUCTION ASSUMPTIONS AND IMPACT OF DEFENSE DEPARTMENT EXPENDITURES ON NATIONAL AND THREE METROPOLITAN AREAS. APPENDIX II. SURVEY METHODOLOGY AND TABULATED RESULTS. APPENDIX III. TABULAR REVIEW OF SELECTED PAST COMMUNITY ECONOMIC READJUSTMENT EXPERIENCES.
PB-169 399 5C U 41 08 HC$ 4.00 MF$ 1.00

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX IV. MONOGRAPH: BALTIMORE STANDARD METROPOLITAN STATISTICAL AREA AND HARFORD COUNTY.
PB-169 400 5E U 41 08 HC$ 3.00 MF$ 0.75

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA BALTIMORE AND NEW LONDONGROTON-NORWICH. APPENDIX IV. MONOGRAPH: NEW LONDON-GROTON-NORWICH STANDARD METROPOLITAN STATISTICAL AREAS.
PB-169 401 5C U 41 08 HC$ 2.00 MF$ 0.50

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX IV. MONOGRAPH: SEATTLE-TACOMA STANDARD METROPOLITAN STATISTICAL AREAS.
PB-169 402 5C U 41 08 HC$ 3.00 MF$ 0.75

ARMED FORCES RESEARCH, REPORTS
JOINT REPORT TO AIR FORCE OFFICE OF SCIENTIFIC RESEARCH AND OFFICE OF NAVAL RESEARCH.
AD-628 256 20J T 66 07 HC$ 1.00 MF$ 0.50

ARMING DEVICES, GUIDED MISSILES
INERTIALLY RESPONSIVE SWITCHES.

PATENT 3,218,405 16C U 41 07

ARMING DEVICES, TIMING DEVICES
MECHANICAL DELAY ARMING DEVICE FOR OFF CENTER SPIN APPLICATION.
AD-629 456 19A T 66 08 HC$ 3.60 MF$ 0.50

ARMY PERSONNEL, MILITARY MEDICINE
THE INFLUENCE OF ORGANIZATIONAL FACTORS UPON PSYCHIATRIC CARE IN THE UNITED STATES ARMY.
AD-629 017 6E T 66 08 HC$ 7.60 MF$ 0.75

ARMY TRAINING, LEADERSHIP
LEADERSHIP CLIMATE FOR TRAINEE LEADERS: THE ARMY AIT PLATOON.
AD-628 962 5I T 66 08 HC$ 3.00 MF$ 0.75

ARMY TRAINING, TACTICAL WARFARE
DEVELOPMENT OF IMPROVED RIFLE SQUAD TACTICAL AND PATROLLING PROGRAMS FOR THE LIGHT WEAPONS INFANTRYMAN.
AD-628 667 15G T 66 07 HC$12.60 MF$ 0.75

AROMATIC COMPOUNDS, FREE RADICALS
THE CHEMISTRY OF THE RADICAL ANION OF TETRAPHENYLETHYLENE.
AD-628 622 7C T 66 07

AROMATIC COMPOUNDS, MOLECULAR ORBITALS
MOLECULAR ORBITAL THEORY IN ORGANIC CHEMISTRY.
AD-628 297 7C T 66 07 HC$ 1.60 MF$ 0.50

ARRHYTHMIA, ANTIHISTAMINICS
ANTIARRHYTHMIC ACTIVITY OF ANTAZOLINE AND ITS APPLICATION TO THE CONTROL OF HYPO- THERMIC VENTRICULAR FIBRILLATION.
AD-629 548 6O T 66 08 HC$ 2.00 MF$ 0.50

ARSENIC, RADIOCHEMISTRY
RADIOCHEMISTRY OF ARSENIC.
NAS-NS-3002 7E U 41 08 HC$ 1.00 MF$ 0.50

ARTIFICIAL LIMBS, CONTROL SYSTEMS
UPPER EXTREMITY PROSTHETICS RESEARCH. HUMAN TRACKING. SENSORY MOTOR CONTROL. MYOELECTRIC CONTROL.
AD-628 964 6E T 66 08 HC$ 1.00 MF$ 0.50

ARTIFICIAL PRECIPITATION, USSR
DISTRIBUTION OF WATER CONTENT IN CU CONG MODIFIED TO PRODUCE PRECIPITATION.
AD-629 007 4B T 66 08 HC$ 1.00 MF$ 0.50

ARTIFICIAL RADIOACTIVITY, AURORAE
TIME DELAYS BETWEEN THE INTENSITY VARIATIONS OF THE 3914 A AND 5577 A SPECTRAL LINES IN ARTIFICIAL AURORAS.
AD-629 121 4A T 66 08

ARTIFICIAL RESPIRATION, MEDICAL RESEARCH
A STUDY OF ARTIFICIAL RESPIRATION AND RESUSCITATION.
AD-466 296 6E U 41 07 HC$ 1.00 MF$ 0.50

ARTILLERY FIRE, DUST
ARTILLERY WEAPON DUST ALLEVIATION TESTS.
AD-628 731 15G T 66 07 HC$ 5.60 MF$ 0.50

ASCENT TRAJECTORIES, MARS PROBES
COMPARISON OF DIRECT AND INDIRECT ASCENT MODES FOR THE 1969 MARS OPPORTUNITY WITH AN ATLAS-CENTAUR LAUNCH VEHICLE.
N66-10607 22C U 41 07 HC$ 1.00 MF$ 0.50

ASCORBIC ACID, BIOCHEMISTRY
ASCORBIC ACID, BIOLOGICAL FUNCTION AND CHEMISTRY.
AD-466 647 6A U 41 08 HC$ 1.00 MF$ 0.50

ASIA, FOREIGN POLICY
UNITED STATES INTERESTS IN ASIA.
AD-628 484 5D T 66 07 HC$ 1.10 MF$ 0.50

ASIA, GEOGRAPHY
THE PHYSIOOGEOGRAPHIC ZONING OF THE IRRIGABLE AREA OF CENTRAL ASIA.
AD-628 530 8F T 66 07 HC$ 1.00 MF$ 0.50

ASPHALT, COLLOIDS
DYNAMIC NUCLEAR POLARIZATION BY ASPHALTENE RADICALS: EFFECTS OF COLLOID SIZE AND SOLVENT DIFFUSION.
AD-629 507 7D T 66 08

ASTEROIDS, CELESTIAL MECHANICS
SUPPOSE WE COLLIDE WITH A PLANETOID.
AD-628 218 3C T 66 07 HC$ 2.60 MF$ 0.50

ASTRO PHYSICS, STARS
STUDIES IN STELLAR EVOLUTION. II. LITHIUM DEPLETION DURING THE PRE-MAIN-SEQUENCE CONTRACTION.
AD-629 682 3B T 66 08

ASTRONAUTICS, ATMOSPHERE ENTRY
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS.
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

ASTRONAUTICS, FLIGHT SIMULATORS
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME II. EVALUATION OF TELEVISION SYSTEMS.
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00

ASTRONAUTICS, RESEARCH PROGRAM ADMINISTRATION
NASA UNIVERSITY PROGRAM REVIEW CONFERENCE, KANSAS CITY, MISSOURI, MARCH 1-3, 1965.
N66-12401-12428 22A U 41 07 HC$ 1.50 MF$ 2.00

ASTRONAUTICS, STATE-OF-THE-ART REVIEWS
DEVELOPMENT TESTING OF SPACE VEHICLES.
AD-628 053 22B T 66 07 HC$ 4.00 MF$ 0.75

ASTRONAUTICS, TRANSFER TRAJECTORIES
OPTIMUM POWER-LIMITED ORBIT TRANSFER IN STRONG GRAVITY FIELDS.
AD-629 302 22C T 66 08

ASTRONOMICAL GEODESICS, TRIGONOMETRY
SATELLITE ANGULATERATION.
AD-629 705 8E T 66 08 HC$ 2.00 MF$ 0.50

ASTRONOMICAL OBSERVATORIES, MOON
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL OBSERVATORY ON THE MOON.
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

ASTRONOMY, BIBLIOGRAPHIES
BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1960-1964.
AD-628 792 3A T 66 07 HC$ 8.30 MF$ 2.25

ASTRONOMY, MODELS(SIMULATION)
AN APPROXIMATE SOLUTION FOR LUMINOSITY DISTANCE IN ZERO-PRESSURE RELATIVISTIC MODEL UNIVERSES THAT HAVE THE U-PROPERTY.
N65-35836 3A U 41 07 HC$ 1.00 MF$ 0.50

ASTROPHYSICS, MOON
PHYSICS OF THE MOON. SELECTED TOPICS CONCERNING LUNAR EXPLORATION.
N66-11251 3B U 41 07 HC$ 6.00 MF$ 1.50

ASTROPHYSICS, TEXTBOOKS
THE RADIATION ENVIRONMENT.
AD-465 928 4A U 41 08 HC$ 4.00 MF$ 0.75

ASYMMETRIC BODIES, MAGNETIC FIELDS
MAGNETIC FIELD COMPUTATIONS FOR UNIFORMLY MAGNETIZED BODIES WITH ODD SHAPES.
AD-458 418 20C U 41 08 HC$ 5.60

ASYMPTOTIC SERIES, DIFFERENTIAL EQUATIONS
ERROR BOUNDS FOR ASYMPTOTIC SOLUTIONS OF SECOND-ORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF ARBITRARY RANK.
AD-628 663 12A T 66 07

ON THE ASYMPTOTIC SOLUTIONS OF SECONDORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF RANK ONE, WITH AN APPLICATION TO WHITTAKER FUNCTIONS.
AD-628 665 12A T 66 07

ASYMPTOTIC SERIES, FLUID MECHANICS
ASYMPTOTIC APPROACH TO HARTMANN-POISEUILLE FLOWS.
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50

ATLANTIC OCEAN ISLANDS, COMMERCE
GREAT BRITAIN AND NORTHERN IRELAND (UNITED KINGDOM OF).
PB-169 287 5C U 41 07 HC$ 6.00 MF$ 1.25

ATLANTIC OCEAN ISLANDS, COMMERCE
ISLE OF MAN.
PB-169 288 5C U 41 07 HC$ 1.00 MF$ 0.50

ATLANTIC OCEAN, SALINITY
AN INVESTIGATION OF THE INTERMEDIATE SALINITY MAXIMUM IN THE EQUATORIAL ATLANTIC DURING EQUALANT I.
AD-629 156 8J T 66 08 HC$ 4.00 MF$ 0.75

ATMOSPHERE ENTRY, FLUID DYNAMIC PROPERTIES
RE-ENTRY PHYSICS RESEARCH.
AD-441 930 22C U 41 08 HC$ 3.00

ATMOSPHERE ENTRY, OPTICAL TRACKING
WAVEFRONT FOLDING INTERFEROMETER.
AD-628 784 17H T 66 07 HC$ 3.60 MF$ 0.50

ATMOSPHERE ENTRY, RADAR TRACKING
APOLLO ENTRY RADAR ACQUISTION STUDY.
N66-11199 17I U 41 08 HC$ 2.00 MF$ 0.50

ATMOSPHERE ENTRY, REENTRY VEHICLES
RECOVERY OF INTERPLANETARY VEHICLES BY LOW-THRUST BRAKING OUTSIDE THE ATMOSPHERE.
AD-629 209 22C T 66 08

ATMOSPHERE ENTRY, SLENDER BODIES
HIGH SPEED VISCOUS, REACTING AND RADIATING FLOWS.
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50

ATMOSPHERE ENTRY, TRAJECTORIES
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS.
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

ATMOSPHERE MODELS, CLIMATOLOGY
SEASONAL MODELS OF AIR DENSITY, TEMPERATURE AND WIND BETWEEN SURFACE AND 25 KM FOR FOUR GEOGRAPHIC ZONES.
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50

ATMOSPHERE, ACOUSTICS
A METHOD FOR THE COMPUTATION OF NORMAL MODE DISPERSION CURVES OF ATMOSPHERIC GRAVITY WAVES IN WINDY ATMOSPHERES.
AD-628 942 20A T 66 08 HC$ 3.60 MF$ 0.50

ATMOSPHERE, CHEMICAL REACTIONS
KINETICS OF ATMOSPHERIC GASES.
AD-629 064 4A T 66 08 HC$ 2.00 MF$ 0.50

ATMOSPHERE, HYDROGEN
NEUTRAL HYDROGEN IN THE EARTH'S ATMOSPHERE ABOVE 120 KM,
N66-10430 4A U 41 08 HC$ 2.00 MF$ 0.50

ATMOSPHERE, OPTICS
TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME I.
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME II.
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME III.
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50

ATMOSPHERE, SOUND TRANSMISSION
UNUSUAL AUDIBILITY OF THE SUFFIELD EXPLOSION IN CANADA, JULY 1964.
AD-629 364 20A T 66 08

ATMOSPHERE, TRANSPORT PROPERTIES
INITIAL VALUE METHODS FOR THE BASIC BOUNDARY VALUE PROBLEM AND INTEGRAL EQUATION OF RADIATIVE TRANSFER,
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50

ATMOSPHERE, VOLUME
THE TOTAL MASS OF THE EARTH'S ATMOSPHERE.
AD-629 451 4A T 66 08

ATMOSPHERE, WAVE TRANSMISSION
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART III. A METHOD OF EXPERIMENTALLY DERIVING TRANSMISSIVITY,
AD-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50

ATMOSPHERIC MOTION, FLUID MECHANICS
ON THE STABILITY OF BAROCLINIC FLOWS AS A FUNCTIONAL OF THE VELOCITY PROFILE.
AD-629 031 4A T 66 08

ATMOSPHERIC MOTION, METEOROLOGICAL PARAMETERS
STUDIES OF THE ATMOSPHERIC GENERAL CIRCULATION, IV.
AD-417 124 4B U 41 07 HC$ 7.25

ATMOSPHERIC MOTION, MICROMETEOROLOGY
NON-STATIONARY TURBULENT REGIME IN THE SURFACE LAYER OF THE ATMOSPHERE.
AD-628 972 4B T 66 08 HC$ 1.00 MF$ 0.50

THE STRUCTURE OF THE WIND-VELOCITY AND TEMPERATURE FIELDS IN THE ATMOSPHERIC SURFACE BOUNDARY LAYER.
AD-628 973 4B T 66 08 HC$ 2.00 MF$ 0.50

ATMOSPHERIC PRECIPITATION, INTERFERENCE
SCATTERING AND ATTENUATION BY PRECIPITATION PARTICLES.
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75

ATMOSPHERIC PRECIPITATION, WEATHER FORECASTING
ON THE PROBABILITY FORECASTING OF THE OCCURRENCE OF PRECIPITATION.
PB-169 246 4B U 41 07 HC$ 2.00 MF$ 0.50

ATMOSPHERIC REFRACTION, AERIAL PHOTO GRAPHY
ANALYSIS OF OPTICAL WAVEFRONT DISTORTIONS CAUSED BY THE ATMOSPHERE.
AD-468 153 14E U 41 08 HC$ 3.00 MF$ 0.75

ATMOSPHERIC REFRACTION, MICROWAVES
RADIO REFRACTION BY THE MARINE LAYER AND ITS EFFECT ON MICROWAVE PROPAGATION.
AD-451 653 20N U 41 07 HC$ 1.00

ATMOSPHERIC REFRACTION, RADIO WAVES
A STUDY OF SOME PROPERTIES OF DIFFRACTION PATTERNS PRODUCED BY RADIO WAVES FROM ARTIFICIAL SATELLITES.
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50

ATMOSPHERIC REFRACTION, REFRACTIVE INDEX
TABLES AND FORMULAS FOR COMPUTATION OF REFRACTIVE INDEX OF THE ATMOSPHERE FOR MICRO-WAVES AND LIGHT WAVES,
PB-169 332 4A U 41 08 HC$ 7.60 MF$ 0.75

ATMOSPHERIC REFRACTION, REFRACTIVE INDEX
PROCEEDINGS OF THE TROPOSPHERIC REFRACTION EFFECTS MEETING (3RD). VOLUME II. ANALYTICAL AND EXPERIMENTAL REFRACTION RESEARCH RESULTS.
AD-628 772 20N T 66 07 HC$ 6.00 MF$ 1.50

ATMOSPHERIC SOUNDING, DATA
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE.
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00

RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE, SUPPLEMENT.
AD-628 498 4A T 66 07 HC$14.80 MF$ 1.00

ATMOSPHERIC SOUNDING, DOPPLER EFFECT
AN ATLAS OF SOLAR FLARE EFFECTS IN THE IONOSPHERE OBSERVED WITH A HIGH-FREQUENCY DOPPLER TECHNIQUE, SEPTEMBER 1960DECEMBER 1962.
C13.46:326 4A U 41 08 MF$ 0.75

ATMOSPHERIC SOUNDING, IONOSPHERIC DISTURBANCES
INCOHERENT SCATTER OBSERVATIONS OF TRAVELING IONOSPHERIC DISTURBANCES.
AD-628 272 4A T 66 07

ATMOSPHERIC SOUNDING, LUXEMBERG EFFECT
THE MEASUREMENT OF PHASE AND AMPLITUDE RADIO WAVE INTERACTION AT UNIVERSITY PARK, PENNSYLVANIA, JULY - AUGUST - SEPTEMBER, 1965.
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50

ATMOSPHERIC SOUNDING, MAGNETO-OPTIC EFFECT
IONOSPHERIC RESEARCH.
AD-629 430 4A T 66 08 HC$ 4.60 MF$ 0.50

AD-629 449 4A T 66 08 HC$ 1.60 MF$ 0.50

ATMOSPHERIC SOUNDING, NIGHT SKY
NIGHT-TIME ELECTRON TEMPERATURES IN THE UPPER F REGION,
AD-628 234 4A T 66 07 HC$ 1.00 MF$ 0.50

ATMOSPHERIC SOUNDING, PROBES(ELECTRO MAGNETIC)
RF PROBE TECHNIQUES FOR IONOSPHERIC MEASUREMENTS.
AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50

ATMOSPHERIC SOUNDING, PYROTECHNICS
DATA REDUCTION OF CHEMICAL RELEASES IN THE UPPER ATMOSPHERE OF LOW-INTENSITY OPTICAL EMISSIONS CAUSED BY THE RELEASES AND DESIGN AND DEVELOPMENT OF PAYLOADS TO PRODUCE LUMINARY TRAIL AND POINT RELEASES AT ALTITUDES ABOVE 80 KM.
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50

ATMOSPHERIC SOUNDING, RADAR ECHO AREAS
PROPERTIES OF THE RADAR ECHO IN SOUNDING OF CU CLOUDS OF SMALL VERTICAL EXTENT.
AD-629 010 4B T 66 08 HC$ 1.00 MF$ 0.50

ATMOSPHERIC SOUNDING, RADAR SIGNALS
STUDIES OF RF SCATTERING PROCESSES FROM IONIZED UPPER ATMOSPHERIC PERTURBATIONS.
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00

ATMOSPHERIC SOUNDING, RADIATION MEASUREMENT SYSTEMS
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00

ATMOSPHERIC SOUNDING, RADIO WAVES
A NEW TECHNIQUE FOR THE MEASUREMENT OF THE ELECTRON/ION TEMPERATURE RATIO AT HIGH ALTITUDES,
AD-629 310 4A T 66 08

ON THE USE OF VLF MEASUREMENTS FOR OBTAINING INFORMATION ON THE LOWER IONOSPHERE (ESPECIALLY DURING SOLAR FLARES),
AD-629 332 4A T 66 08

ATMOSPHERIC TEMPERATURES, AURORAE
A TEMPERATURE CURVE FOR THE UPPER ATMOSPHERE FROM 80 TO 160 KM BASED ON 3 914 A N2+ ROTATIONAL TEMPERATURES IN AURORA,
AD-629 360 4A T 66 08

ATMOSPHERIC TEMPERATURE, SKY BRIGHTNESS
NIGHTGLOW 5577 A (OI) LIKE KINETIC TEMPERATURES.
AD-628 799 4A T 66 07

ATMOSPHERIC TEMPERATURE, SOLAR RADIATION
TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-10877 4B U 41 08 HC$ 2.00 MF$ 0.50

ATMOSPHERIC TEMPERATURE, WEATHER FORECASTING
FORECASTING DAYTIME TEMPERATURES UTILIZING AVAILABLE SOLAR ENERGY.
PB-169 385 4B U 41 08 HC$ 1.00 MF$ 0.50

ATMOSPHERIC TEMPERATURE, WEATHER FORECASTING
A METHOD FOR PREDICTING THE PROBABLE FREQUENCY OF DAILY MINIMUM TEMPERATURES FROM SUMMARIZED DATA.
AD-628 766 4B T 66 07 HC$ 3.00 MF$ 0.75

ATMOSPHERICS, NORWAY
ELF AND VLF EMISSIONS IN NORTHERN SCANDINAVIA.
AD-628 281 4A T 66 07 HC$ 2.60 MF$ 0.50

STATISTICS CONCERNING THE APPEARANCE OF ENHANCED VLF-EMISSIONS ON 8 KC/S OBSERVED NEAR THE AURORAL ZONE OVER A TWO-YEAR PERIOD.
AD-628 748 4A T 66 07 HC$ 1.60 MF$ 0.50

ATOMIC ENERGY LEVELS, ACRIDINES
PHOTOREACTIVE STATE OF ACRIDINE IN SOLUTION.
AD-629 489 7E T 66 08

ATOMIC ENERGY LEVELS, CARBON
THE CHEMISTRY OF C-1 METASTABLE STATES, 1-D AND 1-S.
AD-629 049 7C T 66 08

THE CHEMISTRY OF C-1 GROUND STATE, 3P,
AD-629 050 7C T 66 08

REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARBON WITH OLEFINS,
AD-629 063 7C T 66 08

ATOMIC ENERGY LEVELS, CESIUM
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. III. ENERGY TRANSFER IN CESIUM-CESIUM COLLISIONS,
AD-629 065 7E T 66 08

ATOMIC ENERGY LEVELS, DATA
ATOMIC ENERGY LEVELS.
NYO-2543-1 7D U 41 07 HC$ 6.00 MF$ 1.25

ATOMIC ENERGY LEVELS, FERROMAGNETIC MATERIALS
A STUDY OF THE EFFECTS OF CRYSTALLINE ELECTRIC FIELDS ON FERROMAGNETS.
AD-629 018 20C T 66 08 HC$ 1.00 MF$ 0.50

ATOMIC ENERGY LEVELS, HELIUM
COLLISIONAL TRANSFER OF EXCITATION ENERGY IN HELIUM,
AD-628 229 7D T 66 07

ATOMIC ENERGY LEVELS, LITHIUM
EXCITATION OF THE 2P LEVEL IN LITHIUM BY ELECTRON IMPACT,
AD-628 427 7D T 66 07

ATOMIC ENERGY LEVELS, METALS
FIELD IONIZATION OF AN ATOM NEAR A METAL SURFACE,
AD-629 676 20H T 66 08

ATOMIC ENERGY LEVELS, NEON
EXPERIMENTAL DETERMINATION OF ION EXCITATION ENERGIES AND DENSITIES IN A LOW PRESSURE DISCHARGE.
AD-628 795 20I T 66 07 HC$ 2.00 MF$ 0.50

ATOMIC ENERGY LEVELS, OSCILLATION
DE HAAS-VAN ALPHEN EFFECT IN PYROLYTIC AND SINGLE-CRYSTAL GRAPHITE,
AD-629 184 20L T 66 08

ATOMIC ENERGY LEVELS, PRASEODYMIUM
FREE-ION AND CRYSTALLINE SPECTRA OF PR(3+) (PR IV),
AD-628 349 7D T 66 07

ATOMIC ENERGY LEVELS, QUANTUM MECHANICS
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS.
AD-628 922 20J T 66 08 HC$ 1.10 MF$ 0.50

ATOMIC ENERGY LEVELS, RARE EARTH ELEMENTS
THE GROUND STATES AND RELATIVE STARK SPLITTINGS OF SOME TRIVALENT RARE EARTH IONS IN THE CUBIC CRYSTAL FIELD OF CALCIUM FLUORIDE,
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50

ATOMIC ENERGY LEVELS, RESONANCE SCATTERING
RESONANCES IN THE SCATTERING OF ELECTRONS FROM ATOMS,
AD-629 001 7D T 66 08 HC$ 1.60 MF$ 0.50

ATOMIC ENERGY LEVELS, SODIUM
ELECTRON EXCITATION CROSS SECTION OF THE 3-DOUBLET-S TO 3-DOUBLET-P TRANSITION OF SODIUM,
AD-628 406 7D T 66 07

ATOMIC ENERGY LEVELS, YTTERBIUM
SPECTRA OF DOUBLY AND TRIPLY IONIZED YTTERBIUM, YB III AND YB IV,
AD-629 333 7D T 66 08

ATOMIC ENRGY LEVELS, HELIUM
THEORY OF THE EXCITATION OF THE 4686-A LINE OF HE(+) BY ELECTRON IMPACT,
AD-628 407 7D T 66 07

ATOMIC ORBITALS, QUANTUM MECHANICS
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS.
AD-628 922 20J T 66 08 HC$ 1.10 MF$ 0.50

ATOMIC ORBITALS, SILICON ALLOYS
ELECTRON PHASES IN CERTAIN TERNARY ALLOYS OF TRANSITION METALS WITH SILICON,
AD-628 649 11F T 66 07

ATOMIC ORBITALS, WAVE FUNCTIONS
ON A POSSIBLE METHOD FOR CORRECTING ATOMIC WAVEFUNCTIONS FOR RELATIVISTIC EFFECTS,
AD-629 022 7D T 66 08

ATOMIC SPECTROSCOPY, MICROWAVE EQUIPMENT
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75

AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75

ATOMIC SPECTROSCOPY, PRASEODYMIUM
FREE-ION AND CRYSTALLINE SPECTRA OF PR(3+) (PR IV),
AD-628 349 7D T 66 07

ATOMIC STRUCTURE, PERTURBATION THEORY
ETUDE DE L'INTERACTION DE PAIRE DANS QUELQUES METAUX NORMAUX (A CALCULATION OF THE PAIR-INTERACTION FUNCTION IN SOME NORMAL METALS.)
PB-169 231 7D U 41 08 HC$ 3.00 MF$ 0.75

ATOMIC STRUCTURE, QUANTUM MECHANICS
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS.
AD-628 922 20J T 66 08 HC$ 1.10 MF$ 0.50

ATOMIC STRUCTURE, THEORY
ON A SECOND-ORDER THOMAS-FERMI THEORY,
AD-629 398 20J T 66 08

ATOMIZATION, ULTRASONIC RADIATION
INVESTIGATION OF ULTRASONIC ATOMIZERS OF LIQUIDS AND MELTS,
AD-629 414 14B T 66 08 HC$ 1.00 MF$ 0.50

ATOMS, SCATTERING
APPLICATIONS OF MODERN DEVELOPMENTS IN SCATTERING THEORY TO ATOMIC COLLISION PROBLEMS.
AD-628 812 20H T 66 07 HC$ 2.60 MF$ 0.50

ATTENTION, VISUAL PERCEPTION
DETERIORATION OF SIGNAL DETECTABILITY DURING A VIGILANCE TASK AS A FUNCTION OF BACKGROUND EVENT RATE,
AD-629 100 5J T 66 08

ATTITUDE CONTROL SYSTEMS, AUTOMATIC
INVESTIGATION OF THE ACQUISITION PROBLEM IN SATELLITE ATTITUDE CONTROL.
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50

AUDIOMETRY, ANALYSIS
EVALUATION OF AN INSTRUMENTAL CONDITIONING PROCEDURE AS AN INDEX OF AUDITORY DECREMENT IN THE WHITE RAT.
AD-467 974 6S U 41 07 HC$ 1.00 MF$ 0.50

AUDIOMETRY, LABORATORIES
A MOBILE LABORATORY FOR GROUP HEARING TESTS.
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50

AUDITORY PERCEPTION, PSYCHOMETRICS
EFFECT OF INTENSITY CHANGES IN AUXILIARY STIMULI ON AUDITORY AND VISUAL SIGNAL DETECTION,
AD-628 188 5J T 66 07 HC$ 6.60 MF$ 0.75

AUDITORY PERCEPTION, SOCIAL COMMUNICATION
A CROSS-CULTURAL COMPARISON OF PRINTED COMMUNICATION VERSUS SPOKEN COMMUNICATION IN PERSUASION,
AD-628 651 5J T 66 07

AURORAE, ABSORPTION(PHYSICAL)
AURORAL PHENOMENA IN AN INTEGRAL-INVARIANT COORDINATE SYSTEM,
AD-629 326 4A T 66 08

AURORAE, ARTIFICIAL RADIOACTIVITY
TIME DELAYS BETWEEN THE INTENSITY VARIATIONS OF THE 3914 A AND 5577 A SPECTRAL LINES IN ARTIFICIAL AURORAS.
AD-629 121 4A T 66 08

AURORAE, ATMOSPHERIC TEMPERATURES
A TEMPERATURE CURVE FOR THE UPPER ATMOSPHERE FROM 80 TO 160 KM BASED ON 3 914 A N2+ ROTATIONAL TEMPERATURES IN AURORA,
AD-629 360 4A T 66 08

AURORAE, ELECTROMAGNETIC WAVE REFLECTIONS
THE ANISOTROPY OF IONOSPHERIC IRREGULARITIES DEDUCED FROM V.H.F. SCATTER MEASUREMENTS,
AD-629 356 4A T 66 08

AURORAE, HEIGHT FINDING
AURORAL HEIGHTS OVER CHURCHILL, MANITOBA, DURING INTERNATIONAL QUIET SOLAR YEAR,
AD-629 318 4A T 66 08

AURORAE, MEASUREMENT
AURORAL ELECTROJET ACTIVITY INDEX AE AND ITS UNIVERSAL TIME VARIATIONS,
N66-11206 4A U 41 08 HC$ 3.00 MF$ 0.50

AUSTRALIA, BEACHES
AUSTRALIAN TIDAL FLATS.
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50

AUSTRALIA, COMMERCE
COMMONWEALTH OF AUSTRALIA.
PB-169 284 5C U 41 07 HC$ 6.00 MF$ 1.25

AUSTRALIA, HYDROLOGY
IN INTERNATIONAL SCIENTIFIC ORGANIZATIONS (AUSTRALIAN SYMPOSIUM ON WATER RESOURCES),
AD-628 846 8H T 66 07 HC$ 1.00 MF$ 0.50

AUSTRIA, COMMERCE
AUSTRIA.
PB-169 260 5C U 41 07 HC$ 6.00 MF$ 1.25

AUTOIGNITION, FLAME PROPAGATION
FLAME PROPAGATION UNDER CONDITIONS OF AN IGNITION PENINSULA OF HYDROGEN-OXYGEN MIXTURES,
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50

AUTOMATIC GAIN CONTROL, DISTORTION
REDUCING NONLINEAR DISTORTION DUE TO AUTOMATIC-GAIN-CONTROL CIRCUITS,
AD-629 403 17B T 66 08

AUTOMATIC PILOTS, ADAPTIVE CONTROL SYSTEMS
INVESTIGATION OF THE CONCEPT OF DIRECT FLIGHT CONTROL.
AD-628 087 1C T 66 07 HC$ 2.00 MF$ 0.50

AUTONOMIC NERVOUS SYSTEM, REPRODUCTIVE SYSTEM
DISTRIBUTION AND FUNCTION OF ADRENERGIC NERVES IN THE RABBIT FALLOPIAN TUBE,
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50

AUXILIARY POWER PLANTS, NUCLEAR REACTORS
SNAP 10A, EXPANSION COMPENSATOR,
NAA-SR-9778 18N U 41 07 HC$ 3.00 MF$ 0.75

AUXILIARY POWER PLANTS, REACTOR FUELS
RADIOISOTOPE-FUELED AUXILIARY POWER UNIT.
MND-P-3006 18N U 41 08 HC$ 4.00 MF$ 0.75

MND-P-3007 18N U 41 08 HC$ 5.00 MF$ 1.00

AUXILIARY POWER PLANTS, REACTOR SAFETY SYSTEMS
SAFETY ANALYSIS REPORT SNAPTRAN 2/10A-1 AND-2 SAFETY TESTS,
IDO-17076 18N U 41 08 HC$ 5.00 MF$ 1.00

AVIATION ACCIDENTS, UNDERWATER OBJECT LOCATORS
THE SEARCH UNDERWATER FOR A DOWNED NAVY JET AIRCRAFT,
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50

AVIATION MEDICINE, BIBLIOGRAPHIES
AEROSPACE MEDICINE AND BIOLOGY A CONTINUING BIBLIOGRAPHY WITH INDEXES, OCT. 1965.

N66-12345 65 U 41 08 HC$ 1.00 MF$ 1.00

AVIATION MEDICINE, SPACE BIOLOGY
AEROSPACE MEDICINE AND BIOLOGY; A CONTINUING BIBLIOGRAPHY WITH INDEXES.
N66-10316 6S U 41 07 HC$ 1.00 MF$ 1.00

AVIATION PERSONNEL, LEADERSHIP
A NOTE ON THE RELATIONSHIP OF THE INTERACTION POTENTIAL INVENTORY TO PEER RATINGS OF LEADERSHIP AND OTHER NAVAL AVIATION CADET CRITERIA.
AD-468 261 5I U 41 08 HC$ 1.00 MF$ 0.50

AVIATION PERSONNEL, SELECTION
VALIDITY OF PERSONALITY INVENTORIES IN THE NAVAL AVIATION SELECTION PROGRAM.
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50

AVIATION PERSONNEL, VERTIGO
THE CONCEPT OF AVIATOR'S 'VERTIGO'.
AD-467 970 6S U 41 07 HC$ 1.00 MF$ 0.50

PREDICTING THE SUSCEPTIBILITY OF AVIATORS TO 'VERTIGO': A PRELIMINARY STUDY.
AD-467 972 6S U 41 07 HC$ 1.00 MF$ 0.50

AVIATION SAFETY, AIRCRAFT LANDINGS
ANALYSIS OF SAFETY ASPECTS OF AIRCRAFT LANDING OPERATIONS.
AD-430 087 1B U 41 07 HC$ 5.00

AVIATION SAFETY, HELMETS
HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00

IMPACT TEST METHODS FOR HELMETS. SUPPLEMENT I TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 679 6Q T 66 07 HC$ 1.00 MF$ 0.50

TEST RESULTS - HEMISPHERICAL SPECIMENS, SUPPLEMENT II TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 680 6Q T 66 07 HC$ 1.00 MF$ 0.50

AVIATION SAFETY, OPERATIONS RESEARCH
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75

AXIAL-FLOW COMPRESSORS, NOISE
EXPERIMENTAL NOISE STUDIES OF INLET-GUIDE-VANE-ROTOR-STATOR INTERACTIONS FOR A SINGLE-STAGE AXIAL-FLOW COMPRESSOR.
N66-10651 20A U 41 08 HC$ 1.00 MF$ 0.50

BACILLUS ANTHRACIS, ANTIGENS + ANTIBODIES
ANTIGENIC STRUCTURE OF THE VACCINE STRAIN OF BAC. ANTHRACIS.
AD-628 492 6M T 66 07 HC$ 1.10 MF$ 0.50

BACTERIA, CELL STRUCTURE
THE FINE STRUCTURE OF TWO UNUSUAL STALKED BACTERIA.
AD-628 689 6M T 66 07

BACTERIA, GROWTH
SOME OF THE EFFECTS OF THREE AMINO ACIDS ON THE GROWTH OF HYDROGENOMONAS EUTROPHA.
N66-10956 6A U 41 08 HL$ 4.00 MF$ 0.75

BACTERIOPHAGES, GENETICS
GENETIC REPLICATION AND MACROMOLECULAR SYNTHESIS IN TEMPERATE BACTERIOPHAGES.
AD-628 325 6M T 66 07 HC$ 1.60 MF$ 0.50

BAFFLES, DIFFUSION PUMPS
DIFFUSION PUMP BAFFLE STUDY.
AD-451 427 13K U 41 08 HC$ 7.60

BALL BEARINGS, LIFE EXPECTANCY
BEARING LIFE AND FAILURE DISTRIBUTION AS AFFECTED BY ACTUAL COMPONENT DIFFERENTIAL HARDNESS.
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50

BALLISTICS, BOMBS
RESULTS AND CONCLUSIONS OF THE JOINT R.A.E/W.R.E. RESEARCH PROGRAMME ON THE FLIGHT DYNAMICS AND BALLISTIC CONSISTENCY OF FREELY FALLING CRUCIFORM FINS.
PB-169 224 19B U 41 07 HC$ 4.00 MF$ 1.00

BALLOONS, AERODYNAMICS
A VERIFICATION OF THE USE OF THE EFFECTIVE VERTICALLY INTEGRATED STANDARD DEVIATION OF THE WIND IN ESTIMATING DISPERSION OF VERTICALLY RISING BALLOONS.
AD-628 875 1A T 66 07 HC$ 3.60 MF$ 0.50

BALLOONS, HIGH ALTITUDE
AN INVESTIGATION OF THE INTENSITIES AND CHARGE COMPOSITION OF LOW ENERGY ELECTRONS AT BALLOON ALTITUDES.
N66-13226 20H U 41 07 HC$ 1.00 MF$ 0.50

BALLOONS, RADIATION MEASUREMENT SYSTEMS
BALLOON-BORNE MEASUREMENTS OF SOLAR IONIZING RADIATION.
AD-628 761 3B T 66 07 HC$26.10 MF$ 1.50

BAND SPECTRUM, INTENSITY
ABSOLUTE INTENSITY MEASUREMENTS FOR THE 2.7 MICRON BAND OF WATER VAPOR IN A SHOCK TUBE.
AD-629 612 7C T 66 08

BAND SPECTRUM, WATER VAPOR
NEW DETERMINATION OF THE STRENGTH OF THE V3 BAND OF WATER VAPOR FORM DISPERSION MEASUREMENTS.
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50

BAND THEORY OF SOLIDS, PHOTOCONDUCTIVITY
PHOTOCONDUCTIVITY OF KBR CONTAINING F CENTERS.
AD-629 033 20L T 66 08

BAND THEORY OF SOLIDS, RARE EARTH ELEMENTS
EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING.
AD-628 338 20C T 66 07

BAND THEORY OF SOLIDS, SCIENTIFIC RESEARCH
EXPERIMENTAL INVESTIGATION OF THE ELECTRONIC PROPERTIES OF SOLIDS.
AD-629 495 20L T 66 08 HC$ 1.00 MF$ 0.50

BAND-PASS AMPLIFIERS, INTEGRATED CIRCUITS
SYNTHESIS OF INTEGRATED SELECTIVE AMPLIFIERS FOR SPECIFIED RESPONSE AND DESENSITIVITY.
AD-628 677 9E T 66 07 HC$ 4.00 MF$ 0.75

BANKING, HISTORY
HIGHLIGHTS OF THE FIRST TEN YEARS OF THE RAND EMPLOYEES FEDERAL CREDIT UNION (1955-1965).
AD-628 627 5C T 66 07 HC$ 3.00 MF$ 0.75

BARGAINING, GAME THEORY
MEASURABLE, TRANSFERABLE, COMPARABLE UTILITY AND MONEY.
AD-628 785 5C T 66 07 HC$ 2.00 MF$ 0.50

BASE FLOW, LAUNCH VEHICLES(AERO SPACE)
STUDY OF RECIRCULATING GAS FLOW FIELDS IN THE BASE REGION OF SATURN-CLASS VEHICLES.
N66-10888 20D U 41 08 HC$ 3.00 MF$ 0.75

BASE PRESSURE, BODIES OF REVOLUTION
BASE PRESSURE PROGRAM FOR A BODY OF REVOLUTION WITH NOZZLE FLOW.
AD-628 356 20D T 66 07 HC$ 2.00 MF$ 0.50

BATS, ECHO RANGING
EXPERIMENTAL STUDIES ON TARGET DETECTION, EVALUATION AND INTERCEPTION BY ECHOLOCATING BATS.
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75

BATTERIES + COMPONENTS, ELECTRODES
STUDY PAPERS ON THE AUXILIARY ELECTRODE.
N66-11765 10A U 41 08 HC$ 3.00 MF$ 0.75

BATTERIES + COMPONENTS, ELECTROLYTES
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75

BATTERIES + COMPONENTS, MANUFACTURING METHODS
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-628 575 10C T 66 07 HC$ 2.60 MF$ 0.50

BATTERIES + COMPONENTS, THEORY
DEVELOPMENT OF THE DRY TAPE BATTERY CONCEPT.
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25

BATTERY CHARGERS, SPACECRAFT
THE BATTERY CHARGER FOR THE ATMOSPHERE EXPLORER B SPACECRAFT.
N66-11208 10B U 41 08 HC$ 2.00 MF$ 0.50

BATTERY SEPARATORS, MATERIALS
INORGANIC SEPARATOR FOR HIGH TEMPERATURE SILVER-ZINC BATTERY.
N66-10655 10C U 41 08 HC$ 4.00 MF$ 0.75

SEPARATOR MATERIALS FOR SILVER OXIDE ZINC AND SILVER OXIDE CADMIUM ELECTROCHEMICAL CELLS.
N66-11220 10C U 41 08 HC$ 2.00 MF$ 0.50

BATTERY SEPARATORS, NICKEL
PREPARATION AND EVALUATION OF FIBER METAL NICKEL BATTERY PLAQUES.
N66-10751 11D U 41 08 HC$ 3.00 MF$ 0.75

BATTLE INJURIES, HEAD
FINAL REPORT.
AD-466 159 6U U 41 07 HC$ 1.00 MF$ 0.50

BEACHES, AUSTRALIA
AUSTRALIAN TIDAL FLATS.
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50

BEACHES, PARTICLE SIZE
A LOGNORMAL SIZE DISTRIBUTION MODEL FOR ESTIMATING STABILITY OF BEACH FILL MATERIAL.
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50

BEAMS (STRUCTURAL), LOADING(MECHANICS)
SHEAR DEFLECTION OF WOOD BEAMS.
AD-628 545 13M T 66 07

BEAMS(STRUCTURAL), FREQUENCY
DIGITAL COMPUTER METHODS IN THE SOLUTION OF BOUNDARY VALUE PROBLEMS FOR THE NATURAL FREQUENCIES OF LAMINATED, ELASTIC, VISCOELASTIC BEAMS HAVING UNSYMETRICAL MOUNTINGS.
AD-629 372 20K T 66 08 HC$ 6.60 MF$ 0.75

BEHAVIOR, CLASSIFICATION
THE FEASIBILITY OF DEVELOPING A TASK CLASSIFICATION STRUCTURE FOR ORDERING TRAINING PRINCIPLES AND TRAINING CONTENT.
AD-628 162 5I T 66 07 HC$ 7.60 MF$ 0.75

BEHAVIOR, ELECTROPHYSIOLOGY
ELECTROPHYSIOLOGIC STUDIES OF THE BASAL GANGLIA AND STRIOPALLIDAL INHIBITION OF NON-SPECIFIC AFFERENT ACTIVITY.
AD-629 093 6P T 66 08

BEHAVIOR, PIGEONS

NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR.
AD-628 322 6C T 66 07 HC$ 5.60 MF$ 0.50

BEHAVIOR, PSYCHOMETRICS
QUANTITATIVE RELATIONS AMONG MEASURES OF BEHAVIOR UNDER A FIXED-INTERVAL SCHEDULE OF REINFORCEMENT.
AD-628 149 5J T 66 07 HC$ 1.60 MF$ 0.50

BEHAVIOR, RADIATION EFFECTS
STUDIES OF LOW DOSE RADIATION UPON COMPLEX BEHAVIOR PATTERNS.
AD-467 002 5J U 41 07 HC$ 2.00 MF$ 0.50

BENZENES, CHEMICAL REACTIONS
THE DIMERIZATION OF GASEOUS BENZYNE,
AD-629 681 7C T 66 08

BENZENES, COMPLEX COMPOUNDS
SOLVENT EFFECTS ON CHARGE-TRANSFER COMPLEXES. II. COMPLEXES OF 1,3,5- TRINITROBENZENE WITH BENZENE, MESITYLENE, DURENE, PENTAMETHYLBENZENE, OR HEXAMETHYLBENZENE.
AD-629 553 7C T 66 08

BERYLLIUM ALLOYS, COPPER ALLOYS
PROPERTY INVESTIGATION OF COPPER BASE ALLOYS AT AMBIENT AND ELEVATED TEMPERATURES,
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50

BERYLLIUM, MATERIAL FORMING
THE FABRICATION OF BERYLLIUM,
AD-464 975 11F U 41 07 HC$ 4.00 MF$ 1.00

BERYLLIUM, METALLOGRAPHY
METALLOGRAPHY OF WROUGHT VACUUM-CAST BERYLLIUM AT ELEVATED TEMPERATURES,
RFP-544 11F U 41 08 HC$ 1.00 MF$ 0.50

BERYLLIUM, OXIDATION
OXIDATION PROTECTION OF BERYLLIUM AT HIGH TEMPERATURES,
CONF-729-4 11F U 41 07 HC$ 2.00 MF$ 0.50

BERYLLIUM, PROTON SCATTERING
INELASTIC SCATTERING AT 45.5 MEV PROTONS FROM BERYLLIUM AND CARBON.
AD-628 932 20H T 66 08 HC$ 7.60 MF$ 0.75

BETA PARTICLES, HEALTH PHYSICS
A PRACTICAL SIMULTANEOUS ALPHA-BETA COUNTER FOR APPLIED HEALTH PHYSICS,
IDO-17122 6R U 41 07 HC$ 1.00 MF$ 0.50

BIBLIOGRAPHIES, ANALOG-DIGITAL COMPUTERS
BIBLIOGRAPHY AND SUMMARY OF METHODS RELATED TO THE ERROR ANALYSIS OF HYBRID COMPUTERS,
N66-13078 9B U 41 08 HC$ 2.00 MF$ 0.50

BIBLIOGRAPHIES, AVIATION MEDICINE
AEROSPACE MEDICINE AND BIOLOGY A CONTINUING BIBLIOGRAPHY WITH INDEXES, OCT. 1965.
N66-12345 6S U 41 08 HC$ 1.00 MF$ 1.00

BIBLIOGRAPHIES, MANPOWER STUDIES
KEY-WORD-IN-CONTEXT (KWIC). INDEX TO HUMAN RESOURCES RESEARCH OFFICE BIBLIOGRAPHY OF PUBLICATION AS OF 30 JUNE 1965.
AD-473 365 5I U 41 08 HC$ 2.00 MF$ 0.50

HUMAN RESOURCES RESEARCH OFFICE BIBLIOGRAPHY OF PUBLICATIONS AS OF 30 JUNE 1965.
AD-473 366 5I U 41 08 HC$ 5.00 MF$ 1.00

BIBLIOGRAPHIES, NATURAL RADIOACTIVITY
NATURAL ENVIRONMENTAL RADIOACTIVITY. AN ANNOTATED BIBLIOGRAPHY,
WASH-1061 18H U 41 07 HC$ 4.00 MF$ 1.00

BIBLIOGRAPHIES, RADIOACTIVE ISOTOPES
RADIOISOTOPE HEAT SOURCE EVALUATION PROGRAM.
N66-12928 18B U 41 08 HC$ 6.00 MF$ 1.50

BIBLIOGRAPHIES, REACTOR SAFETY SYSTEMS
REACTOR SAFETY. A LITERATURE SEARCH,
TID-3525 18I U 41 07 HC$ 3.00 MF$ 0.75

BIBLIOGRAPHIES, ROCKET PROPELLANTS
LIQUID AND SOLID PROPELLANTS TECHNOLOGY: COMPILATION OF ABSTRACTS.
AD-628 166 21I T 66 07 HC$ 4.00 MF$ 1.00

BINDERS, FOOD
ALL PURPOSE MATRICES FOR COMPRESSED FOOD BARS.
AD-628 377 6H T 66 07 HC$ 4.00 MF$ 1.00

BIOLOGICAL WARFARE AGENTS, BIBLIOGRAPHIES
CBE FACTORS: ANNOTATED BIBLIOGRAPHY.
AD-628 553 6H T 66 07 HC$ 4.60 MF$ 0.50

BIOLOGY, STATISTICAL MECHANICS
SEMIFORMAL REPRESENTATION OF ORGANISMIC CONCEPTS,
AD-628 687 6C T 66 07

BIONICS, ECHO RANGING
EXPERIMENTAL STUDIES ON TARGET DETECTION, EVALUATION AND INTERCEPTION BY ECHOLOCATING BATS.
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75

BIRDS, RHYTHM(BIOLOGY)
CIRCADIAN RHYTHM AND THE PHOTOPERIODIC REGULATION OF THE ANNUAL REPRODUCTIVE CYCLE IN BIRDS,
AD-628 688 6C T 66 07

BISMUTH, TRANSPORT PROPERTIES
GALVANO-THERMOMAGNETIC PHENOMENA AND THE FIGURE OF MERIT IN BISMUTH, II. SURVEY OF EXPERIMENTAL DATA AND CALCULATION OF DEVICE PARAMETERS,
AD-628 559 10B T 66 07

BLAST, HIGH-PRESSURE VALVES
EVALUATION TESTS OF MOSLER BLAST VALVES,
AD-629 405 13K T 66 08 HC$ 2.00 MF$ 0.50

BLOOD CIRCULATION, EXPERIMENTAL DATA
LAMINAR FLOW REGIMES FOR RIGID-SPHERE SUSPENSIONS,
AD-629 312 20D T 66 08 HC$ 3.00 MF$ 0.75

BLOOD COAGULATION, PATHOLOGY
CHANGES IN BLOOD COAGULABILITY IN DOGS FOLLOWING FLASH BURNS.
AD-628 123 6E T 66 07

BLOOD DISEASES, THAILAND
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

BLOOD PLASMA, SHOCK THERAPY
TO STUDY THERAPEUTIC PROPERTIES OF BLOOD PLASMA IN THE THERAPY OF TOURNIQUET SHOCK.
AD-466 292 6E U 41 07 HC$ 1.00 MF$ 0.50

BLOOD PRESSURE, SLEEP
CAROTID SINUS AND AORTIC REFLEXES IN THE REGULATION OF CIRCULATION DURING SLEEP,
AD-628 340 6P T 66 07

BLOOD SERUM, TOXICITY
CYTOTOXICITY OF HUMAN SERA IN TISSUE CULTURE SYSTEMS,
AD-628 176 6T T 66 07

BLOOD TRANSFUSIONS, BLOOD VOLUME
INFLUENCE OF AUTOLOGOUS AND HOMOLOGOUS BLOOD EXCHANGE ON THE BLEEDING VOLUME OF DOGS,
AD-628 723 6E T 66 07

BLOOD TRANSFUSIONS, IMMUNITY
EVALUATION OF CONVALESCENT BURN SERUM AS A TREATMENT FOR BURNED INBRED BEAGLE DOGS.
AD-628 124 6E T 66 07

BLUNT BODIES, AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CHARACTERISTICS OF SPHERICALLY BLUNTED CONES AT MACH NUMBERS FROM 0.5 TO 5.0,
N66-12138 1A U 41 08 HC$ 3.00 MF$ 0.50

BOATS, SEA RESCUE EQUIPMENT
AN ALL WEATHER RESCUE LAUNCH,
AD-629 167 13J T 66 08 HC$ 1.00 MF$ 0.50

BODIES OF REVOLUTION, AERODYNAMICS
AERODYNAMICS OF BODIES OF REVOLUTION,
AD-629 643 20D T 66 08 HC$ 4.00 MF$ 0.75

BODIES OF REVOLUTION, FLUID FLOW
ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLOID OF REVOLUTION.
AD-629 577 20D T 66 08 HC$ 2.60 MF$ 0.50

BODIES OF REVOLUTION, HYPERSONIC FLOW
INVISCID HIGH TEMPERATURE HYPERSONIC FLOW OF AIR PAST POINTED BODIES OF REVOLUTION.
AD-467 786 20D U 41 08 HC$ 2.00 MF$ 0.50

BODIES OF REVOLUTION, MAGNETOHYDRODYNAMICS
THE HYDROMAGNETICS OF AN ELLIPSOID MOVING IN AN ALIGNED FIELD,
AD-629 417 20I T 66 08

BODIES OF REVOLUTION, SLENDER BODIES
THE FORCE AND MOMENT ON A SLENDER BODY OF REVOLUTION MOVING NEAR A WALL,
AD-628 161 20D T 66 07 HC$ 1.60 MF$ 0.50

BODY TEMPERATURE, MEASUREMENT
INFRARED THERMOGRAPHY OF SUBJECTS IN DIVERSE ENVIRONMENTS.
AD-629 348 6F T 66 08 HC$ 1.00 MF$ 0.50

BODY TEMPERATURE, TOXINS + ANTITOXINS
THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON LETHALITY OF ENDOTOXIN AND ITS EFFECT ON BODY TEMPERATURE IN MICE.
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50

BODY, VOLUME
DETERMINATION OF HUMAN BODY VOLUME FROM HEIGHT AND WEIGHT.
AD-628 948 6P T 66 08

BOILING WATER REACTORS, HYDRO DYNAMICS
PROPAGATION OF DENSITY DISTURBANCES IN AIR-WATER FLOW.
ANL-7053 18I U 41 08 HC$ 4.00 MF$ 0.75

BOILING WATER REACTORS, INSTRUMENTATION
THE STEADY STATE AND DYNAMIC BEHAVIOUR OF A BOILING WATER REACTOR.
EURAEC-1164 18I U 41 07 HC$ 1.00 MF$ 0.50

BOILING WATER REACTORS, OPERATION
INSPECTION, EVALUATION, AND OPERATION OF THE EBWR REACTOR VESSEL.
ANL-7117 18I U 41 08 HC$ 3.00 MF$ 0.75

BOILING WATER REACTORS, REACTOR CORES
LA CROSSE BOILING WATER REACTOR FINAL PHYSICS DESIGN REPORT.
ACNP-64545 18L U 41 08 HC$ 2.00 MF$ 0.50

BOILING WATER REACTORS, REACTOR FUEL ELEMENTS
ICPP PROCESSING OF VBWR STAINLESS STEEL FUEL.
IDO-14658 18J U 41 08 HC$ 2.00 MF$ 0.50

BOILING WATER REACTORS, STABILITY
FREQUENCY-RESPONSE ANALYSIS OF STEAM VOIDS TO SINUSOIDAL POWER MODULATION IN A THIN-WALLED BOILING WATER COOLANT CHANNEL.
ANL-7041 20N U 41 08 HC$ 5.00 MF$ 1.00

BOMBS, BALLISTICS
RESULTS AND CONCLUSIONS OF THE JOINT R.A.E/W.R.E. RESEARCH PROGRAMME ON THE FLIGHT DYNAMICS AND BALLISTIC CONSISTENCY OF FREELY FALLING CRUCIFORM FINS.
PB-169 224 19B U 41 07 HC$ 4.00 MF$ 1.00

BONDING, LEAD
THERMOELECTRIC BONDING STUDY.
N66-10774 9C U 41 08 HC$ 2.00 MF$ 0.50

BONE, TRANSPLANTATION
FINAL REPORT.
AD-628 318 6E T 66 07 HC$ 1.10 MF$ 0.50

BORON COMPOUNDS, FLUORIDES
CO-CATALYSIS IN FRIEDEL-CRAFTS REACTIONS. PART X. INTERACTION BETWEEN BORON TRIFLUORIDE AND ALKYL FLUORIDES.
AD-629 758 7C T 66 08

BORON COMPOUNDS, MOLECULAR ASSOCIATION
INTERACTION POTENTIALS OF SIMPLE NONPOLAR MOLECULES WITH BORON NITRIDE.
AD-629 396 7D T 66 08

BORON, CHEMICAL REACTIONS
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION SPECTRUM OF BORON.
AD-628 382 7D T 66 07 HC$ 1.60 MF$ 0.50

BORON, SEMICONDUCTING FILMS
THE PREPARATION AND STRUCTURE OF THIN FILMS OF BORON ON SILICON.
AD-628 632 20L T 66 07

BOSONS, NUCLEAR ENERGY LEVELS
THE GROUND-STATE THREE-BODY CORRELATION FUNCTION IN A DILUTE BOSON GAS WITH HARD-SPHERE INTERACTION.
AD-629 091 20J T 66 08 HC$ 1.60 MF$ 0.50

BOSONS, STATISTICAL MECHANICS
STATISTICAL MECHANICS OF AN ASSEMBLY OF QUASIPARTICLES.
AD-629 616 20J T 66 08

BOUNDARY LAYER TRANSITION, THEORY
THEORETICAL INVESTIGATIONS ON THE BOUNDARY LAYER WITH PRESSURE GRADIENT.
AD-629 212 20D T 66 08 HC$ 2.60 MF$ 0.50

BOUNDARY LAYER, ASYMPTOTIC SERIES
A SURVEY OF ASYMPTOTIC SERIES SOLUTIONS TO THE BOUNDARY LAYER EQUATIONS.
AD-628 287 20D T 66 07 HC$ 3.60 MF$ 0.50

BOUNDARY LAYER, RADIATION(HEAT TRANSFER)
RADIATION EFFECTS IN THE STAGNATION REGION BOUNDARY LAYER.
AD-628 547 20M T 66 07 HC$ 5.60 MF$ 0.75

BOUNDARY VALUE PROBLEMS, BEAMS(STRUCTURAL)
DIGITAL COMPUTER METHODS IN THE SOLUTION OF BOUNDARY VALUE PROBLEMS FOR THE NATURAL FREQUENCIES OF LAMINATED, ELASTIC, VISCOELASTIC BEAMS HAVING UNSYMETRICAL MOUNTINGS.
AD-629 372 20K T 66 08 HC$ 6.60 MF$ 0.75

BOUNDARY VALUE PROBLEMS, FLUID MECHANICS
SOLUTION OF A NON-LINEAR BOUNDARY VALUE PROBLEM IN FLUID MECHANICS USING A VARIATIONAL METHOD.
AD-629 629 20D T 66 08 HC$ 8.60 MF$ 0.75

SATISFACTION OF ASYMPTOTIC BOUNDARY CONDITIONS IN NUMERICAL SOLUTION OF SYSTEMS OF NONLINEAR EQUATIONS OF BOUNDARY-LAYER TYPE.
N65-35951 12A U 41 07 HC$ 2.00 MF$ 0.50

BOUNDARY VALUE PROBLEMS, PARTIAL DIFFERENTIAL EQUATIONS
A FINITE DIFFERENCE ANALOG OF THE NEUMANN PROBLEM FOR POISSON'S EQUATION.
AD-629 528 12A T 66 08

BOUNDARY VALUE PROBLEMS, THEORY
NON-COERCIVE BOUNDARY VALUE PROBLEMS.
AD-628 714 12A T 66 07

BOUNDARY VALUE PROBLEMS, THERMAL CONDUCTIVITY
GALERKIN'S METHOD AND THE LOCAL POTENTIAL.
AD-628 582 12A T 66 07 HC$ 1.10 MF$ 0.50

BOUNDARY VALUE PROBLEMS, TRANSPORT PROPERTIES
INITIAL VALUE METHODS FOR THE BASIC BOUNDARY VALUE PROBLEM AND INTEGRAL EQUATION OF RADIATIVE TRANSFER.
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50

BRAIN, AMINES
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS.
AD-628 741 6P T 66 07

BRAIN, ELECTROPHYSIOLOGY
ELECTROPHYSIOLOGICAL PATTERNS AND CEREBRAL IMPEDANCE CHARACTERISTICS IN ORIENTING AND DISCRIMINATIVE BEHAVIOR.
AD-628 403 6P T 66 07

BRAIN, STIMULATION
CHRONIC ELECTROSHOCK: EFFECTS ON BRAIN WEIGHT, BRAIN CHEMISTRY, AND BEHAVIOR.
AD-628 243 5J T 66 07

BRAIN, TISSUE EXTRACTS
BIOLOGICAL ACTIVITY OF BOVINE BRAIN CONSTITUENTS.
AD-628 167 6A T 66 07

BRAKES, OPERATION
A STUDY OF THE DYNAMICS OF AIRPLANE BRAKING SYSTEMS AS AFFECTED BY TIRE ELASTICITY AND BRAKE RESPONSE.
N65-35952 1C U 41 07 HC$ 3.00 MF$ 0.50

BRAYTON CYCLE, SOLAR COLLECTORS
BRAYTON CYCLE CAVITY RECEIVER DESIGN STUDY, JUNE 25, 1963 - JUNE 15, 1965.
N66-12265 10B U 41 08 HC$ 7.00 MF$ 1.75

BREECH MECHANISMS, FEED MECHANISMS
CARTRIDGE FEEDING MECHANISM FOR FIXEDBARREL, SLIDE-OPERATED GUNS.
PATENT 3,221,603 19F U 41 07

BREEDING REACTORS, EXPERIMENTAL DATA
TERMINAL REPORT FOR THE MARK IV (PLUTON- IUM) LOADING IN EBR-1.
ANL-6865 18I U 41 08 HC$ 3.00 MF$ 0.75

BREMSSTRAHLUNG, ALUMINUM
INVESTIGATIONS OF ELECTRON INTERACTIONS WITH MATTER. PART I. BREMSSTRAHLUNG PRODUCTION IN ALUMINUM AND IRON. PART II. ELECTRON SCATTERING IN ALUMINUM.
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75

BRILLOUIN ZONES, ZINC COMPOUNDS
REGLES DE SELECTION POUR LA DIFFUSION RAMAN ET L'ABSORPTION INFRAROUGE DANS LA WURTZITE.
AD-629 702 20L T 66 08

BRITISH GUIANA, ISOPTERA
ON TERMITARIA IN A SAVANNA ECOSYSTEM BRITISH GUIANA.
AD-629 401 6C T 66 08

BRITISH GUIANA, NATURAL RESOURCES
SAVANNAS: A REVIEW OF A MAJOR RESEARCH PROBLEM IN TROPICAL GEOGRAPHY. THE INTERIOR OF BRITISH GUIANA AND THE MYTH OF EL DORADO.
AD-629 402 8F T 66 08

BROADBAND, HARMONIC GENERATORS
BROADBAND HARMONIC GENERATORS.
AD-628 271 9E T 66 07 HC$ 3.60 MF$ 0.50

BROMIDES, PHOTOLYSIS
PHOTODISSOCIATION OF THALLIUM BROMIDE AND CESIUM BROMIDE.
AD-629 160 7E T 66 08

BROWNIAN MOTION, THEORY
MICROSCOPIC THEORY OF BROWNIAN MOTION IN AN OSCILLATING FIELD: CONNECTION WITH MACRO- SCOPIC THEORY.
AD-628 252 20H T 66 07

BROWNIAN MOTION, TRANSPORT PROPER TIES
TRANSPORT EQUATION OF A BROWNIAN PARTICLE IN AN EXTERNAL FIELD.
AD-628 373 20H T 66 07

BUCKLING (MECHANICS), HEMISPHERICAL SHELL
AN INVESTIGATION OF THE PANEL COLLAPSE STRENGTH OF STIFFENED PLASTIC HEMISPHERES.
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50

BUCKLING(MECHANICS), CYLINDRICAL BODIES
BUCKLING OF A LONG CYLINDRICAL SHELL CONTAINING AN ELASTIC CORE.
AD-628 702 20K T 66 07

BUCKLING(MECHANICS), STRUCTURAL SHELLS
EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS UNDER TORSION.
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50

BUCKLING OF A LONG CYLINDRICAL SHELL SURROUNDED BY AN ELASTIC MEDIUM.
AD-628 738 20K T 66 07

BUCKLING OF CIRCULAR CONICAL SHELLS UNDER UNIFORM AXIAL COMPRESSION.
AD-629 040 20K T 66 08

BUDGETS, SYSTEMS ENGINEERING
SYSTEMS ANALYSIS TECHNIQUES FOR PLANNINGPROGRAMMING-BUDGETING.
AD-629 564 5A T 66 08 HC$ 2.00 MF$ 0.50

BUILDINGS, MODELS(SIMULATIONS)
THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

BULGARIA, COMMERCE
BULGARIA.
PB-169 253 5C U 41 07 HC$ 1.00 MF$ 0.50

BUOYS, OCEANOGRAPHIC EQUIPMENT
A SHALLOW WATER ISOBARIC BUOY.
AD-628 782 14B T 66 07 HC$ 6.60 MF$ 0.75

BUOYS, POWER SUPPLIES
100 WATT THERMOELECTRIC POWER SYSTEM FOR BUOY APPLICATIONS.

AD-629 006 108 T 66 08 HC$ 1.00 MF$ 0.50

BURNING RATE, TEST METHODS
CONTINUOUS MEASUREMENT OF SOLID PROPELLANT BURNING RATES.
AD-629 070 211 T 66 08

BURNS, BLOOD COAGULATION
CHANGES IN BLOOD COAGULABILITY IN DOGS FOLLOWING FLASH BURNS.
AD-628 123 6E T 66 07

BURNS, BLOOD TRANSFUSIONS
EVALUATION OF CONVALESCENT BURN SERUM AS A TREATMENT FOR BURNED INBRED BEAGLE DOGS.
AD-628 124 6E T 66 07

BUTADIENES, PLASTICIZERS
VINYL CHLORIDE RESINS AND BUTADIENE RUBBERS WITH N-ACYL DERIVATIVES OF CYCLIC IMINES.
PATENT 3,219,612 111 U 41 07

BUTANONES, ELECTRON BOMBARDMENT
ELECTRON-IMPACT ENERGY SPECTRA OF ACETONE AND 2-BUTANONE.
AD-628 904 7D T 66 08

CABLES(MECHANICAL), ELECTRIC INSULATION
ENGINEERING SERVICES IN CONNECTION WITH TEST OF EXISTING OPEN AND CLOSED TYPE GUY INSULATORS AND A FEASIBILITY STUDY OF IMPROVED DESIGNS FOR HIGH STRENGTH ALUMOWELD CABLES.
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50

CABLES(MECHANICAL), MATERIALS
FEASIBILITY OF APPLICATION OF TITANIUM TO WIRE CABLE FABRICATION.
AD-628 070 13H T 66 07 HC$ 1.00 MF$ 0.50

CADMIUM ALLOYS, SELENIUM ALLOYS
RANDOM ACCESS CONTROL OF ELECTROLUMINESCENT ELEMENTS.
AD-628 886 9C T 66 08 HC$ 7.60 MF$ 0.75

MICROELECTRONIC SOLID-STATE DISPLAY ASSEMBLY.
AD-629 596 9E T 66 08 HC$ 2.60 MF$ 0.50

CADMIUM ALLOYS, SEMICONDUCTORS
A STUDY OF HOMOGENEITY OF SOLID SOLUTIONS OF CADMIUM SULFIDE AND CADMIUM SELENIDE BY X-RAY FLUORESCENCE.
AD-629 493 20L T 66 08

CADMIUM COMPOUNDS, SEMICONDUCTORS
A STUDY OF HOMOGENEITY OF SOLID SOLUTIONS OF CADMIUM SULFIDE AND CADMIUM SELENIDE BY X-RAY FLUORESCENCE.
AD-629 493 20L T 66 08

CADMIUM COMPOUNDS, SULFIDES
HIGH AMPLITUDE CURRENT AND OPTICAL TRANSMISSION OSCILLATIONS IN CDS SINGLE CRYSTALS.
AD-628 122 20L T 66 07 HC$ 1.10 MF$ 0.50

AD-628 453 20L T 66 07 HC$ 1.10 MF$ 0.50

NEWS OF INSTITUTIONS OF HIGHER LEARNING. PHYSICS. (SELECTED ARTICLES).
AD-629 423 20L T 66 08 HC$ 2.60 MF$ 0.50

CALCITE, SOLUBILITY
THE SOLUBILITY OF CALCITE IN AQUEOUS SOLUTIONS. I. THE SOLUBILITY OF CALCITE IN WATER BETWEEN 75 DEGREES AND 200 DEGREES AT C02 PRESSURES UP TO 60 ATM.
PB-169 138 8D U 41 07 HC$ 3.00 MF$ 0.50

CALCIUM COMPOUNDS, FLUORIDES
THE GROUND STATES AND RELATIVE STARK SPLITTINGS OF SOME TRIVALENT RARE EARTH IONS IN THE CUBIC CRYSTAL FIELD OF CALCIUM FLUORIDE.
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50

CALCIUM COMPOUNDS, REFRACTORY MATERIALS
CERTAIN PROPERTIES OF CALCIUM-OXIDE REFRACTORIES.
AD-629 228 11B T 66 08 HC$ 1.00 MF$ 0.50

CALCIUM COMPOUNDS, TUNGSTATES
PARAMAGNETIC RESONANCE OF YB(3+) IN CAWO4.
AD-628 363 20L T 66 07

CALCIUM, VOLUMETRIC ANALYSIS
AN IMPROVED FLAME SPECTROPHOTOMETER FOR BIOLOGIC CALCIUM ANALYSIS.
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50

CALCULUS OF VARIATIONS, SUPERSONIC FLOW
APPLIED MATHEMATICS AND MECHANICS (SELECTED ARTICLES).
AD-629 416 20D T 66 08 HC$ 4.60 MF$ 0.50

CALIBRATION, RADIOFREQUENCY
CALIBRATION FACILITY FOR RF QUANTITIES OFFERS CENTRAL TIE-IN FOR TESTING LABS.
AD-629 752 14B T 66 08

CALIFORNIA, BEACHES
SAND MOVEMENT ALONG A PORTION OF THE NORTHERN CALIFORNIA COAST.
AD-628 866 8J T 66 07 HC$ 4.00 MF$ 1.00

CAMOU FLAGE, ANTENNAS
ANTENNA STUDY FOR COVERT APPLICATIONS.
AD-629 148 9E T 66 08 HC$ 3.00 MF$ 0.75

CAMOUFLAGE, ARTILLERY FIRE
ARTILLERY WEAPON DUST ALLEVIATION TESTS.
AD-628 731 15G T 66 07 HC$ 5.60 MF$ 0.50

CANADA, COMMERCE
CANADA.
PB-169 274 5C U 41 07 HC$ 5.00 MF$ 1.00

CANCER, CHEMOTHERAPY
THE CALCULATION OF TREATMENT SCHEDULES FOR CANCER CHEMOTHERAPY. PART II.
UCRL-14505 6E U 41 08 HC$ 2.00 MF$ 0.50

CANCER, HISTOLOGY
ANO-RECTAL MELANOMA.
AD-628 238 6E T 66 07

CANCER, THYROID GLAND
THE ASSOCIATION OF HYPERTHYROIDISM AND THYROID CANCER.
AD-628 477 6E T 66 07

CANTILEVER BEAMS, DAMPING
DAMPING CHARACTERISTICS OF BUILT-UP CANTILEVER BEAMS IN A VACUUM ENVIRONMENT.
N65-36774 20K U 41 07 HC$ 2.00 MF$ 0.50

CAPACITORS, FILMS
HIGH PERFORMANCE THIN FILMS FOR MICROCIRCUITS (CAPACITORS).
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50

CARBAMIC ACIDS, TEXTILES
WATER SOLUBLE CARBAMATE-FORMALDEHYDE CONDENSATE.
PATENT 3,219,632 11E U 41 07

CARBIDES, HALL EFFECT
HALL COEFFICIENT OF TANTALUM CARBIDE AS FUNCTION OF CARBON CONTENT.
N66-12145 20L U 41 08 HC$ 1.00 MF$ 0.50

CARBIDES, X-RAY SPECTROSCOPY
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION BANDS OF NITROGEN AND CARBON.
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50

CARBOHYDRATES, DIET
ADAPTIVE CHANGES IN ENZYME ACTIVITY AND METABOLIC PATHWAYS IN ADIPOSE TISSUE FROM MEAL-FED RATS.
AD-629 329 6A T 66 08

CARBOHYDRATES, METABOLISM
INFLUENCE OF PERIODICITY OF EATING ON ADIPOSE TISSUE METABOLISM IN THE RAT.
AD-628 963 6P T 66 08

CARBOHYDRATES, POLYMERS
CARBOHYDRATE DERIVED POLYAMIDES.
PATENT 3,225,012 11I U 41 08

CARBON DIOXIDE, DISSOCIATION
CARBON DIOXIDE DISSOCIATION RATES BEHIND SHOCK WAVES.
N66-12872 7D U 41 08 HC$ 2.00 MF$ 0.50

CARBON DIOXIDE, METABOLISM
EFFECT OF PHOSPHORYLATED COMPOUNDS AND INHIBITORS ON C02 FIXATION BY INTACT SPINACH CHLOROPLASTS.
AD-628 270 6A T 66 07

CARBON DIOXIDE, PACIFIC OCEAN
CARBON DIOXIDE IN SURFACE WATERS OF PACIFIC OCEAN. I. MEASUREMENTS OF THE DISTRIBUTION.
AD-628 242 8J T 66 07

CARBON DIOXIDE, RELAXATION TIME
VIBRATIONAL RELAXATION IN CARBON DIOXIDE/WATER-VAPOR MIXTURES.
AD-628 572 7D T 66 07

CARBON DIOXIDE, SPECTRA(INFRARED)
INFRARED SPECTRUM OF (12)C(18)02.
AD-629 380 7D T 66 08

CARBON DIOXIDE, VISCOSITY
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

CARBON MONOXIDE, ELECTRON BOMBARD MENT
INTENSITY DISTRIBUTION IN THE ELECTRON-IMPACT SPECTRUM OF CARBON MONOXIDE AT HIGH-RESOLU- TION AND SMALL SCATTERING ANGLES.
AD-629 613 7D T 66 08

CARBON MONOXIDE, FUEL CELLS
DIRECT ENERGY CONVERSION SYSTEMS. PART II. ELECTROCATALYTIC ACTIVITY OF HYDRAZINE IN FUEL CELL APPLICATION.
AD-628 529 10A T 66 07 HC$ 3.00 MF$ 0.50

CARBON, ATOMIC ENERGY LEVELS
THE CHEMISTRY OF C-1 METASTABLE STATES, 1-D AND 1-S.
AD-629 049 7C T 66 08

CARBON, CHEMICAL REACTIONS
THE CHEMISTRY OF C-1 GROUND STATE, 3P.
AD-629 050 7C T 66 08

REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARBON WITH OLEFINS.
AD-629 063 7C T 66 08

CARBON, DIFFUSION
STRAIN-ENHANCED DIFFUSION OF CARBON IN STAINLESS STEEL.
NSAR-65-89 11F U 41 07 HC$ 1.00 MF$ 0.50

CARBON, PROTON SCATTERING
INELASTIC SCATTERING AT 45.5 MEV PROTONS FROM BERYLLIUM AND

CARBON.
AD-628 932 20H T 66 08 HC$ 7.60 MF$ 0.75

CARBON, X-RAY SPECTROSCOPY
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION BANDS OF NITROGEN AND CARBON.
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50

CARBOXYLIC ACIDS, REDUCTION (CHEMISTRY)
FORMATION OF A CYCLOPROPANE RING FROM AN ALPHA, BETA-UNSATURATED CARBOXYLIC ACID.
AD-628 402 7C T 66 07

CARGO, RAILROADS
FREIGHT PROBLEMS OF NEW ENGLAND RAILROADS. SECTION I. SUMMARY OF FINDINGS AND IMPLICATIONS FOR FURTHER STUDY. SECTION 2. THE NEW ENGLAND RAILROAD STUDY: RAIL FREIGHT TRAFFIC PATTERNS (AN ABRIDGED VERSION).
PB-169 387 5C U 41 08 HC$ 5.00 MF$ 1.00

CAROTINOIDS, PRODUCTION
PRODUCTION OF BETA-CAROTENE.
PATENT 3,226,302 7A U 41 08

CARRIERS(SEMICONDUCTORS), FERROMAGNETIC MATERIALS
DOUBLE EXCHANGE FOR POLARONS.
AD-629 062 20C T 66 08

CARRIERS(SEMICONDUCTORS), TRANSPORT PROPERTIES
CONDUCTION ELECTRON SCATTERING BY IONIZED DONORS IN INSB AT 80K.
AD-628 437 20L T 66 07

CASE HARDENING, TITANIUM
NITRIDING AND CARBONITRIDING OF TITANIUM METAL AND ITS ALLOYS.
AD-629 815 13H T 66 08 HC$ 4.60 MF$ 0.50

CATALOGS, INFORMATION RETRIEVAL
THE CATALOG INPUT/OUTPUT SYSTEM.
AD-629 606 9B T 66 08 HC$ 3.00 MF$ 0.75

CATALYSIS, FRIEDEL CRAFTS REACTIONS
CO-CATALYSIS IN FRIEDEL CRAFTS REACTIONS. PART IX. POLYMERISATION OF PROPENE BY BORON FLUORIDE-METHANOL.
AD-629 751 7C T 66 08

CATALYSIS, FRIEDEL-CRAFTS REACTIONS
CO-CATALYSIS IN FRIEDEL-CRAFTS REACTIONS. PART X. INTERACTION BETWEEN BORON TRIFLUORIDE AND ALKYL FLUORIDES.
AD-629 750 7C T 66 08

CATAMARANS, MODEL TESTS
RESISTANCE AND EHP OF A 'FOIL-MARAN' CONFIGURATION AS PREDICTED FROM SMOOTH WATER TESTS OF MODEL 4836-3.
AD-628 555 13J T 66 07 HC$ 2.60 MF$ 0.50

CATAPULTS, DESIGN
ADAPTION OF XM30 CATAPULT TO OPERATIONAL CONDITIONS. TASK I. DESIGN OF CATAPULT, AIR- CRAFT EJECTION SEAT: XM31. TASK II. MODIFICA- TION TO AIRCRAFT SEATS AND ROCKET CATAPULTS FOR ACTUATION OF COMPENSATING NOZZLES.
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50

CATHODE RAY TUBE SCREENS, LIGHT PULSES
APPARENT MOVEMENT PHENOMENA ON CRT DISPLAYS - THRESHOLD DETERMINATIONS OF APPARENT MOVEMENTS OF PULSED LIGHT SOURCES.
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50

CATHODE RAY TUBES, DISPLAY SYSTEM
RANDOM ACCESS LIGHT VALVE STUDY.
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75

CATHODE RAY TUBES, TELEVISION DISPLAY SYSTEMS
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME II. EVALUATION OF TELEVISION SYSTEMS.
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00

CATHODES, FAILURE(ELECTRONICS)
CALCULATIONS CONCERNING ELECTRICAL BREAKDOWN INDUCED BY THE MELTING OF MICROSCOPIC PROJECTIONS.
AD-628 114 20C T 66 07 HC$ 2.00 MF$ 0.50

CATHODES, FUEL CELLS
REVERSIBLE OXYGEN ELECTRODES.
AD-628 171 10B T 66 07 HC$ 3.60 MF$ 0.50

CATHODIC PROTECTION, MODEL TESTS
MODEL TESTS OF ELECTROCHEMICAL PROTECTION AGAINST CORROSION OF SHIPS' HULLS AND DETERMINATION OF EFFECT OF PROPELLERS ON THE CONDITIONS OF FUNCTIONING OF THIS PROTECTION.
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50

CATHODIC PROTECTION, ORGANIC COATINGS
AN INVESTIGATION OF COATINGS USED AS ANODE SCREENS IN CATHODIC PROTECTION (ISSLEDOVANIYE POKRYTIY DLYA PRIMENENIYA IKH V KACHESTVYE OKOLOANODYNKH EKRANOV PRI KATODNOY ZASHCHITYE).
AD-628 196 11C T 66 07

CAVITA TION, PROPELLERS(MARINE)
SUPERCAVITATING PROPELLER THEORY. PART I. THE DERIVATION OF INDUCED VELOCITY EQUATIONS AND FORMULATION OF AN INITIAL DESIGN PROCEDURE.
AD-629 735 13J T 66 08 HC$ 3.60 MF$ 0.50

CAVITATION, LIQUIDS
LIQUID CAVITATION STUDIES IN CIRCULAR PIPE BENDS.
N66-13237 20D U 41 07 HC$ 1.00 MF$ 0.50

CAVITATION, ORGANIC COMPOUNDS
ULTRASOUND CHEMICAL EFFECTS ON PURE ORGANIC LIQUIDS.
AD-629 295 7C T 66 08

CAVITY RESONATORS, FIELD THEORY
MODES IN RADIAL WAVE BEAM RESONATORS.
AD-629 502 9A T 66 08

CAVITY RESONATORS, ROTATION
CAVITY RESONANCES IN ACCELERATED SYSTEMS.
AD-628 635 9A T 66 07

CELESTIAL MECHANICS, ASTEROIDS
SUPPOSE WE COLLIDE WITH A PLANETOID.
AD-628 218 3C T 66 07 HC$ 2.60 MF$ 0.50

CELESTIAL MECHANICS, MERCURY(PLANET)
A RADAR DETERMINATION OF THE ROTATION OF THE PLANET MERCURY.
AD-629 334 3C T 66 08

CELESTIAL MECHANICS, MOON
COMPUTER SOLUTIONS OF THE FORCED PHYSICAL LIBRATIONS OF THE MOON.
AD-628 801 3C T 66 07

CELESTIAL MECHANICS, SATELLITES(ARTIFICIAL)
EFFECTS OF MICROMETEOROID CRATERING ON THE DIRECTION OF THE AXIS OF MAXIMUM MOMENT OF INERTIA.
AD-628 208 22C T 66 07 HC$ 1.60 MF$ 0.50

CELESTIAL MECHANICS, SUN
THE GENERAL CIRCULATION OF THE SOLAR ATMOSPHERE AND THE MAINTENANCE OF THE EQUATORIAL ACCELERATION.
AD-629 117 3C T 66 08

CELESTIAL NAVIGATION, SPACE FLIGHT
ASTRIONICS RESEARCH AND DEVELOPMENT.
N65-23781 22C U 41 07 HC$ 4.00 MF$ 0.75

CELL DIVISION, RIBONUCLEIC ACIDS
ACTINOMYCIN D: BLOCKAGE OF CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS.
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50

CELL STRUCTURE, BACTERIA
THE FINE STRUCTURE OF TWO UNUSUAL STALKED BACTERIA.
AD-628 689 6M T 66 07

CELL STRUCTURE, RADIATION EFFECTS
STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL.
TID-21581 6R U 41 07 HC$ 1.00 MF$ 0.50

STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL STRUCTURE AND BEHAVIOR. SIX-YEAR COMPREHENSIVE REPORT, MARCH 1959 NOVEMBER 1964.
TID-21611 6R U 41 07 HC$ 1.00 MF$ 0.50

CELLS(BIOLOGY), MICROPHOTOMETERS
A NEW INSTRUMENT FOR PRECISION CYTOPHOTOMETRY.
AD-628 927 6C T 66 08 HC$ 2.00 MF$ 0.50

CELLS(BIOLOGY), MITOSIS
CELL PROLIFERATION AND DNA SYNTHESIS AFTER UNILATERAL NEPHRECTOMY AS RELATED TO AGE.
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50

CELLS(BIOLOGY), SEROTONIN
THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND.
AD-629 053 6Q T 66 08

CELLULOSE, CROSSLINKING(CHEMISTRY)
PROCESS FOR CROSS-LINKING CELLULOSE WITH FORMALDEHYDE ADDUCTS OF DIVINYL SULFONE.
PATENT 3,219,708 11E U 41 08

CENTRAL AMERICA, RAINFALL
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

CENTRAL NERVOUS SYSTEM, ELECTRO PHYSIOLOGY
INHIBITION OF NONSPECIFIC SENSORY ACTIVITIES FOLLOWING STRIOPALLIDAL AND CAPSULAR STIMULATION.
AD-629 092 6P T 66 08

LA FREQUENZA DI SCARICA DEI MOTONEURONI SPINALI NELL'ARTO SUPERIORE E INFERIORE DELL'UOMO IN RELAZIONE CON LA TENSIONE SVILUPPATA DAL MUSCOLO.
AD-629 109 6P T 66 08

CENTRAL NERVOUS SYSTEM, FATIGUE(PHYSIOLOGY)
FUNCTIONAL FUNDAMENTAL CHARACTERISTICS OF THE NERVOUS SYSTEM IN ATHLETES AND THE EFFECTS OF PERFORMANCE.
AD-629 111 6S T 66 08

CENTRAL NERVOUS SYSTEM, HISTOLOGY
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE.
AD-628 619 6E T 66 07

CEPHALOPODA, LEARNING
SOME OBSERVATIONS ON THE FOOD INTAKE AND LEARNING IN OCTOPUS VULGARIS.
AD-628 370 6C T 66 07

CEPHALOPODA, NERVOUS SYSTEM
THE CENTRES FOR TOUCH DISCRIMINATION IN OCTOPUS.
AD-629 296 6C T 66 08

THE BUCCAL NERVOUS SYSTEM OF OCTOPUS,
AD-629 297 6C T 66 08

CEPHALOPODA, NEUROLOGY
FINAL REPORT ON GRANT NO. AF-EOAR-62-37,
AD-628 237 6C T 66 07 HC$ 1.10 MF$ 0.50

CEPHALOPODA, STRENGTH
FURTHER OBSERVATIONS ON FORCES EXERTED BY OCTOPUS VULGARIS,
AD-629 299 6C T 66 08

CEPHALOPODA, VISION
OCTOPUS OPTIC RESPONSES,
AD-628 743 6C T 66 07

CERAMIC COATINGS, SPACECRAFT
SPECTRAL EMITTANCE OF ALUMINUM OXIDE AND ZINC OXIDE ON OPAQUE SUBSTRATES,
N66-10339 11C U 41 07 HC$ 1.00 MF$ 0.50

CERAMIC MATERIALS, CRYSTAL LATTICE DEFECTS
DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF SOME REFRACTORY METAL OXIDES,
AD-629 490 11B T 66 08

CERAMIC MATERIALS, DIFFUSION
DIFFUSION STUDIES IN REFRACTORY MATERIALS,
AD-628 610 11B T 66 07 HC$ 1.60 MF$ 0.50

CERAMIC MATERIALS, FILTERS(ELECTRO MAGNETIC WAVE)
PRODUCTION ENGINEERING MEASURE FOR CERAMIC FILTERS,
AD-629 718 9A T 66 08 HC$ 1.00 MF$ 0.50

CERAMIC MATERIALS, MECHANICAL PROPERTIES
THE MECHANICAL PROPERTIES OF CERAMIC ALLOYS,
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50

CERAMIC MATERIALS, PHASE STUDIES
EXSOLUTION OF BETA-GA203 CRYSTALLINE SOLUTIONS IN THE SYSTEM MGA1204-GA203,
AD-629 699 11B T 66 08

CERAMIC MATERIALS, PIEZOELECTRIC TRANSDUCERS
PROPERTIES OF TRANSDUCER CERAMICS UNDER MAINTAINED PLANAR STRESS,
AD-628 810 11B T 66 07

CERAMIC MATERIALS, REACTOR FUELS
CERAMICS RESEARCH AND DEVELOPMENT QUARTERLY REPORT, APRIL-JUNE 1965,
BNWL-150 11B U 41 07 HC$ 4.00 MF$ 1.00

CERAMIC MATERIALS, SYSTEMS ENGI NEERING
SYSTEMS ENGINEERING IN CERAMICS,
AD-629 307 11B T 66 08 MF$ 1.00

CEREALS, WATER
CONCERNING SOME FEATURES OF WETTING AND DEHYDRATION OF GRAIN,
AD-628 430 6H T 66 07 HC$ 1.00 MF$ 0.50

CEREBRAL CORTEX, ELECTROPHYSIOLOGY
CONTINUOUS RECORDING OF CHANGES IN MEMBRANE POTENTIAL IN MAMMALIAN CEREBRAL TISSUES IN VITRO: RECOVERY AFTER DEPOLARIZATION BY ADDED SUBSTANCES,
AD-628 358 6P T 66 07

CERIUM, CRYOGENICS
SEARCH FOR SUPERCONDUCTIVITY IN ALPHA-CERIUM,
AD-629 090 20L T 66 08

CERMETS, INDUSTRIAL PRODUCTION
DEVELOPMENT OF PROCESSES FOR THE PREPARATION OF URANIUM CARBIDES AS WELL AS CERMETS ON A UC BASE,
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75

CERMETS, RESISTORS
FABRICATION AND EVALUATION OF VACUUM DEPOSITED CERMET (CR-SIO) RESISTORS,
AD-629 128 9A T 66 08 HC$ 3.00 MF$ 0.50

CESIUM COMPOUNDS, PHOTOLYSIS
PHOTODISSOCIATION OF THALLIUM BROMIDE AND CESIUM BROMIDE,
AD-629 160 7E T 66 08

CESIUM, ADSORPTION
ADSORPTION OF CESIUM ON INSULATORS,
N66-12163 20J U 41 08 HC$ 2.00 MF$ 0.50

CESIUM, FLUORESCENCE
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. III. ENERGY TRANSFER IN CESIUM-CESIUM COLLISIONS,
AD-629 065 7E T 66 08

CESIUM, MOBILITY
MOBILITE DES IONS RB(+) ET CS(+) DANS LES GAZ A HAUTE PRESSION (MOBILITY OF RB(+) AND CS(+) IONS IN GASES AT HIGH PRESSURES),
PB-169 226 18K U 41 08 HC$ 3.00 MF$ 0.75

CESIUM, POTENTIAL SCATTERING
ATOMIC BEAM DETERMINATION OF THE CESIUM-CESIUM TOTAL SCATTERING CROSS SECTION,
N66-13234 20G U 41 07 HC$ 2.00 MF$ 0.50

CESIUM, RADIOCHEMISTRY
CESIUM 131 TRACER FOR YIELD DETERMINATION IN CESIUM RADIOCHEMISTRY,
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50

CESIUM, RECOVERY
RECOVERY OF 137 CS FROM FISSION-PRODUCT WASTES AND TRANSPORT BY AN ALUMINOSILICATE ION EXCHANGER,
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50

CETACEA, ADAPTATION(PHYSIOLOGY)
ANIMALS IN AQUATIC ENVIRONMENTS: ADAPTATION OF MAMMALS TO THE OCEAN,
AD-628 408 8A T 66 07

CEYLON, COMMERCE
CEYLON,
PB-169 270 5C U 41 07 HC$ 2.00 MF$ 0.50

CHARGED PARTICLES, EQUATIONS OF MOTION
TRANSPORT EQUATION OF A BROWNIAN PARTICLE IN AN EXTERNAL FIELD,
AD-628 373 20H T 66 07

CHARGED PARTICLES, FAST NEUTRONS
REACTION STUDIES WITH FAST NEUTRONS,
NYO-1082-1 20H U 41 07 HC$ 2.00 MF$ 0.50

CHARGED PARTICLES, PARTICLE TRAJECTORIES
OPTIMUM TARGET ORIENTATION IN NUCLEAR REACTION EXPERIMENTS,
N66-10667 20H U 41 07 HC$ 2.00 MF$ 0.50

CHARGED PARTICLES, PLASMA PHYSICS
ELECTRON COLLISION FREQUENCY VERSUS CHARGED PARTICLE SEEDING,
AD-628 777 20I T 66 07 HC$ 2.60 MF$ 0.50

VOLUME AND SURFACE INSTABILITY IN SLIDING PLASMAS,
N66-13016 20I U 41 07 HC$ 1.00 MF$ 0.50

CHARGES(EXPLOSIVE), EXPLOSION EFFECTS
NONLINEAR INTERACTION BETWEEN A SPHERICAL SHOCK WAVE AND FREE SURFACE WATER CAUSED BY THE EXPLOSION OF A DEEP CHARGE,
AD-629 670 19D T 66 08 HC$ 1.00 MF$ 0.50

CHEMICAL ANALYSIS, ALKALI METALS
STATUS OF METHODS FOR DETERMINING CARBON, OXYGEN AND NITROGEN IN ALKALI METALS,
TIM-900 7B U 41 08 HC$ 1.00 MF$ 0.50

CHEMICAL ANALYSIS, AUTOMATIC
AUTOMATED ANALYSIS OF LITHIUM SOLUTIONS,
DP-985 7B U 41 08 HC$ 1.00 MF$ 0.50

CHEMICAL ANALYSIS, COPPER ALLOYS
STANDARD REFERENCE MATERIALS: METHODS FOR THE CHEMICAL ANALYSIS OF NBS COPPER-BASE SPECTROCHEMICAL STANDARDS,
C13.10-260-7 11F U 41 07 MF$ 0.75

CHEMICAL ANALYSIS, RADIOCHEMISTRY
RADIOCHEMICAL ANALYSIS: ACTIVATION ANALYSIS, INSTRUMENTATION, RADIATION TECHNIQUES, AND RADIOISOTOPE TECHNIQUES JULY 1964 TO JUNE 1965,
C13.46-276 7E U 41 07 MF$ 1.00

CHEMICAL ANALYSIS, REFRACTORY METAL ALLOYS
GENERAL METHOD FOR ANALYZING REFRACTORY METAL ALLOYS USING THE VACUUM CUP ELECTRODE,
TIM-904 7D U 41 08 HC$ 2.00 MF$ 0.50

CHEMICAL ANALYSIS, REVIEWS
MATERIALS ANALYTICAL RESEARCH,
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50

CHEMICAL ANALYSIS, TEST METHODS
METHODS OF ANALYSIS OF METAL REFRACTORIES. BORIDES, CARBIDES AND NITRIDES OF HAFNIUM NIOBIUM, TANTALUM, TITANIUM AND ZIRCONIUM,
AD-459 048 7B U 41 08 HC$ 2.00

CHEMICAL BONDS, DISSOCIATION
AN EMPIRICAL METHOD FOR THE ESTIMATION OF BOND DISSOCIATION ENERGIES,
AD-629 027 7D T 66 08

CHEMICAL BONDS, ELECTROSTATICS
RESONANCE ENERGY AND IONIC ATTRACTION IN HETEROMOLECULES,
AD-628 835 7D T 66 07 HC$ 1.10 MF$ 0.50

CHEMICAL BONDS, SELECTION
SELECTIVITY OF GROUND-STATE C1 AND TRIPLET-STATE CYCLOPROPYLIDENE IN OLEFIN ADDITION REACTIONS,
AD-629 052 7C T 66 08

CHEMICAL BONDS, SILANES
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE,
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

CHEMICAL BONDS, THERMOCHEMISTRY
THE HEAT OF COMBUSTION AND STRAIN ENERGY OF 2,2-PARACYCLOPHANE,
AD-629 467 7D T 66 08

CHEMICAL COMPOUNDS, ELECTRON TRANSITIONS
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS,
AD-629 201 20H T 66 08 HC$ 1.00 MF$ 0.50

CHEMICAL EQUILIBRIUM, LIQUID METALS
APPLICATION OF GIBBS-DUHEM EQUATION TO BINARY VAPOR-LIQUID EQUILIBRIUM DATA OF METAL SYSTEMS USING NEWTONS INTERPOLATION FORMULAE,
IS-1241 7D U 41 07 HC$ 2.00 MF$ 0.50

CHEMICAL INDICATORS, CHEMICAL WARFARE AGENTS
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III,
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

CHEMICAL REACTIONS, IRREVERSIBLE PROCESSES
THERMODYNAMICS OF CHEMICAL COUPLING,
AD-629 249 7D T 66 08

CHEMICAL WARFARE AGENTS, BIBLIOGRAPHIES
CDE FACTORS: ANNOTATED BIBLIOGRAPHY.
AD-628 553 6M T 66 07 HC$ 4.60 MF$ 0.50

CHEMICAL WARFARE AGENTS, DETECTORS
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III.
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

CHEMILUMINESCENCE, ATMOSPHERE
KINETICS OF ATMOSPHERIC GASES.
AD-629 064 4A T 66 08 HC$ 2.00 MF$ 0.50

CHEMISORPTION, NITROGEN
A GENERALIZED MODEL FOR THE CHEMISORPTION BEHAVIOR OF NITROGEN ON TUNGSTEN.
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75

CHEMISTRY, INFORMATION RETRIEVAL
IDEEA NETWORK IMPLEMENTATION, FISCAL YEAR 1965.
AD-629 225 5B T 66 08 HC$ 2.00 MF$ 0.50

CHEMORECEPTORS, TOXINS + ANTITOXINS
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

CHEMOTHERAPEUTIC AGENTS, SCHEDULING
THE CALCULATION OF TREATMENT SCHEDULES FOR CANCER CHEMOTHERAPY. PART II,
UCRL-14505 6E U 41 08 HC$ 2.00 MF$ 0.50

CHIMPANZEES, EYE
ULTRASOUND AND PHAKOMETRY MEASUREMENTS OF THE PRIMATE EYE.
AD-629 079 6C T 66 08 HC$ 2.00

CHIMPANZEES, STRESS(PHYSIOLOGY)
THE EFFECT ON THE CHIMPANZEE OF RAPID DECOMPRESSION TO A NEAR VACUUM,
N65-36768 6S U 41 07 HC$ 4.00 MF$ 0.75

CHINESE LANGUAGE, PROGRAMMED INSTRUCTION
DEVELOPMENT AND EVALUATION OF A TACTICAL MANDARIN CHINESE LANGUAGE COURSE.
AD-629 444 5G T 66 08 HC$ 2.00 MF$ 0.50

CHLORIDES, ABSORPTION SPECTRUM
THE CONTINUOUS ABSORPTION SPECTRUM OF IODINE MONOCHLORIDE,
AD-629 253 7D T 66 08

CHLORIDES, CHEMICAL REACTIONS
REACTIONS OF CHLOROCARBONIUM IONS.
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50

CHLORINE COMPOUNDS, DIOXIDES
CONTRIBUTIONS TO THE NATURE OF OXYHALIDES. III. THE NATURE OF CHLORINE DIOXIDE,
AD-628 331 7B T 66 07 HC$ 3.00 MF$ 0.75

CHLORINE, ATOMIC SPECTROSCOPY
DOSAGE DU CHLORE ET DU FLUOR PAR SPECTROGRAPHIE D'EMISSION EN ATMOSPHERE INERTE (SPECTROGRAPHIC DETERMINATION OF CHLORINE AND FLUORINE).
PB-169 229 7D U 41 08 HC$ 2.00 MF$ 0.50

CHLOROPHYLL, OXIDATION-REDUCTION REACTIONS
INTERACTION BETWEEN CHLOROPHYLL AND HYDROQUINONE.
AD-628 905 6A T 66 08

CHLOROPLASTS, CARBON DIOXIDE
EFFECT OF PHOSPHORYLATED COMPOUNDS AND INHIBITORS ON CO2 FIXATION BY INTACT SPINACH CHLOROPLASTS,
AD-628 270 6A T 66 07

CHLOROPLASTS, GROWTH
CHLOROPLAST MULTIPLICATION AND GROWTH IN THE UNICELLULAR ALGA ACETABULARIA MEDITERRANEA,
AD-629 459 6C T 66 08

CHLOROPLASTS, PHOTOCHEMISTRY
ON THE OXIDATION-REDUCTION POTENTIAL OF THE PHOTOPRODUCED REDUCTANT OF ISOLATED CHLOROPLASTS,
AD-629 288 6A T 66 08

CHOLESTEROL, VIEWING SCREENS
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

CHOLINESTERASE INHIBITORS, TROPANE ALKALOIDS
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

CHROMATOGRAPHIC ANALYSIS, HUMANS
DETECTION AND IDENTIFICATION OF CHEMICAL SIGNATURES.
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75

CHROMIUM, LUMINESCENCE
THERMOLUMINESCENT FORMATION OF CR(2+) IN MAGNESIUM OXIDE,
AD-629 660 20L T 66 08

CHROMIUM, NUCLEAR SPINS
SPIN STATES OF TRIVALENT CHROMIUM WITH TETRAGONAL SYMMETRY IN MGO,
AD-629 659 20L T 66 08

CHROMOPROTEINS, ELECTRON MICROSCOPY
REASSOCIATION OF HEMOCYANINS FROM SUBUNIT MIXTURES,
N66-11669 6A U 41 08 HC$ 1.00 MF$ 0.50

CHROMOPROTEINS, MOLECULAR STRUCTURE
MACROMOLECULAR ORGANIZATION OF HEMO- CYANINS AND APOHEMOCYANINS AS REVEALED BY ELECTRON MICROSCOPY,
N66-11770 6A U 41 08 HC$ 3.00 MF$ 0.75

CHROMOSOMES, BACTERIOPHAGES
GENETIC REPLICATION AND MACROMOLECULAR SYNTHESIS IN TEMPERATE BACTERIOPHAGES.
AD-628 325 6M T 66 07 HC$ 1.60 MF$ 0.50

CHYMOTRYPSIN, ENZYME INHIBITORS
THE INACTIVATION OF CHYMOTRYPSIN BY DIPHENYLCARBAMYL CHLORIDE AND ITS REACTIVATION BY NUCLEOPHILIC AGENTS.
AD-628 645 6A T 66 07

CHYMOTRYPSIN, STEREOCHEMISTRY
SUBSTRATE CONTROL OF PROTEIN CONFORMATION,
AD-628 264 6A T 66 07

CILIATA, CELL DIVISION
ACTINOMYCIN D: BLOCKAGE OF CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS,
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50

CILIATA, MARINE BIOLOGY
ON THE CILIATE FAUNA ASSOCIATED WITH THE MARINE SPECIES OF THE AMPHIPOD GENUS GAMMARUS J. O. FABRICIUS,
AD-628 589 8A T 66 07

CIRCUIT INTERCONNECTIONS, INTEGRATED CIR CUITS
PLANAR INTEGRATION OF THIN FILM UNITS.
AD-455 010 9A U 41 08 HC$ 3.60

CIRCUITS, STABILIZATION
A SURVEY AND EVALUATION OF BIAS STABILIZATION TECHNIQUES IN TRANSISTOR CIRCUITS.
TID-21927 9A U 41 07 HC$ 3.00 MF$ 0.75

CIRCUITS, ENCAPSULATION
HANDLING, CLEANING, DECONTAMINATION AND ENCAPSULATION OF MOSFETS CIRCUITRY,
N66-11233 13H U 41 08 HC$ 2.00 MF$ 0.50

CIRCUITS, PERFORMANCE(ENGINEERING)
CODED CIRCUIT ANALYSIS, VOL. I. INSTRUCTION MANUAL FOR DC-AC APPLICATIONS.
AD-628 110 9E T 66 07 HC$ 4.00 MF$ 0.75

CIRCUITS, STABILIZATION
RING COUNTER STABILIZING CIRCUITRY FOR CONDITIONS OF NON-CONDUCTION OF ALL STAGES OR CONDUCTION OF MORE THAN ONE.
PATENT 3,217,185 9A U 41 07

CIRCUITS, THEORY
ON THE TERMINAL DESCRIPTION OF NONLINEAR NETWORKS,
AD-629 686 9E T 66 08

CIRCUITS, TUNNEL DIODES
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES,
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50

CIVIL AVIATION, MANAGEMENT PLANNING
COMMERCIAL SUPERSONIC TRANSPORT AIRCRAFT AND THE DOMESTIC AIR TRAVEL MARKET.
AD-629 572 1E T 66 08 HC$ 2.60 MF$ 0.50

CIVIL DEFENSE SYSTEMS, AGRICULTURE
POSTATTACK FARM PROBLEMS. PART II. ATTACK EFFECTS ON INPUTS AND FARM OUTPUT,
AD-629 139 15C T 66 08 HC$19.20 MF$ 1.25

CIVIL ENGINEERING, INLAND WATERWAYS
CANAL CAPACITY STUDIES: CONCRETE SECTIONS, MAIN CANAL (LONG LAKE REACH) COLUMBIA BASIN PROJECT.
PB-169 373 13B U 41 08 HC$ 4.00 MF$ 0.75

CIVIL ENGINEERING, GEOLOGY
SELECTED GEOLOGIC LITERATURE LOWER MISSISSIPPI VALLEY DIVISION AREA INDEX AND ANNOTATED BIBLIOGRAPHY.
AD-628 983 8G T 66 08 HC$ 6.00 MF$ 1.25

CIVIL ENGINEERING, REINFORCED CONCRETE
REINFORCED CONCRETE. DESIGN DATA,
AD-628 139 13H T 66 07 MF$ 1.00

CLADDING, STAINLESS STEEL
STAINLESS STEEL CLADDING OF VERY THICK STEELS.
EURAEC-1228 13H U 41 07 HC$ 1.00 MF$ 0.50

CLASSIFICATION, AUTOMATIC
CLASSIFICATION OF INFORMATION TOPICS BY CLUSTERING INTEREST PROFILES,
AD-628 597 5I T 66 07 HC$ 1.60 MF$ 0.50

CLATHRATE COMPOUNDS, SYNTHESIS (CHEMISTRY)
UREA INCLUSION COMPOUNDS OF N-ALKYL OXIRANES.
PATENT 3,219,654 6F U 41 07

CLAY, TRAFFICABILITY
ON THE STRENGTH OF CLAYEY SOILS. A STUDY OF THE SHEARING RESISTANCE MECHANISM OF THE STRUCTURAL LEVEL,
AD-628 510 8M T 66 07 HC$19.50 MF$ 1.25

CLEAN ROOMS, CONSTRUCTION

SIGNIFICANT PARAMETERS OF CLEAN ROOM DESIGN.
Y-EA-37 14B U 41 08 HC$ 2.00 MF$ 0.50

CLEANING, CIRCUITS
HANDLING, CLEANING, DECONTAMINATION AND ENCAPSULATION OF MOSFETS CIRCUITRY.
N66-11233 13H U 41 08 HC$ 2.00 MF$ 0.50

CLIMATOLOGY, ATMOSPHERE MODELS
SEASONAL MODELS OF AIR DENSITY, TEMPERATURE AND WIND BETWEEN SURFACE AND 25 KM FOR FOUR GEOGRAPHIC ZONES.
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50

CLIMATOLOGY, DAMS
NATURAL RESOURCES, CONSERVATION AND TRANSFORMATION OF NATURE (EXPERIENCE GAINED IN DETERMINING THE INFLUENCE OF LARGE RESERVOIRS ON LOCAL CLIMATE).
AD-628 842 8F T 66 07 HC$ 1.00 MF$ 0.50

CLIMATOLOGY, FISSION PRODUCTS
STUDIES OF NUCLEAR DEBRIS IN PRECIPITATION.
NYO-2415-12 18H U 41 08 HC$ 2.00 MF$ 0.50

CLIMATOLOGY, NUMERICAL METHODS AND PROCEDURES
NUMERICAL METHODS FOR SOLVING WEATHERFORECASTING AND CLIMATE-THEORY PROBLEMS, PART I.
AD-629 009 4B T 66 08 HC$ 4.00 MF$ 0.75

CLIMATOLOGY, RAINFALL
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

CLIMATOLOGY, USSR
LENINGRAD. MAIN GEOPHYSICAL OBSERVATORY. TRANSACTIONS.
AD-628 789 4B T 66 07 HC$19.70 MF$ 1.25

AGROCLIMATIC HANDBOOK FOR TYUMEN' OBLAST (SOUTHERN PART).
AD-629 662 4B T 66 08 HC$ 1.00 MF$ 0.50

CLIMATOLOGY, WEATHER FORECASTING
THE VALUE OF WEATHER FORECASTS.
PB-169 374 4B U 41 08 HC$ 1.60 MF$ 0.50

CLOCKS, POWER SUPPLIES
FREQUENCY SOURCE THAT KEEPS TIME EVEN IF MAIN POWER SOURCE FALTERS.
AD-629 743 9E T 66 08

CLOSED ECOLOGICAL SYSTEMS, AIR POLLUTION
PROCEEDINGS OF THE CONFERENCE ON ATMOS- PHERIC CONTAMINATION IN CONFINED SPACES, 30 MARCH-1 APRIL 1965.
AD-629 622 6K T 66 08 HC$ 7.00 MF$ 1.50

CLOSED ECOLOGICAL SYSTEMS, NUTRITION
CONFERENCE ON NUTRITION IN SPACE AND RELATED WASTE PROBLEMS.
N65-18566 6K U 41 07 MF$ 2.00

CLOSED ECOLOGICAL SYSTEMS, TOXICITY
LOW AMBIENT PRESSURE ENVIRONMENTS AND TOXICITY. A NEW APPROACH TO SPACE CABIN TOXICOLOGY.
AD-628 566 6K T 66 07

CLOUDS, HEIGHT FINDING
MAIN GEOPHYSICAL OBSERVATORY (SELECTED ARTICLES).
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50

COAGULATION, AEROSOLS
THEORY OF COAGULATION AND PRECIPITATION OF PARTICLES OF AEROSOL IN TURBULENT FLOW OF GAS. ON THE COEFFICIENT OF CAPTURE OF AEROSOL PARTICLES.
AD-629 045 7D T 66 08 HC$ 1.00 MF$ 0.50

COAL, ECONOMICS
THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME I.
PB-169 315 5C U 41 07 HC$ 8.00 MF$ 2.25

THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME II. APPENDICES.
PB-169 316 5C U 41 07 HC$ 7.00 MF$ 1.75

COATINGS, TEMPERATURE CONTROL
A COMPARISON OF TWO EMITTANCE MEASUREMENT TECHNIQUES.
N66-10687 20M U 41 08 HC$ 1.00 MF$ 0.50

COATINGS, ELECTRON BOMBARDMENT
EFFECTS OF ELECTRON BOMBARDMENT ON THE OPTICAL PROPERTIES OF SPACECRAFT TEMPERATURE CONTROL COATINGS.
AD-628 615 22B T 66 07

COATINGS, LIGHT TRANSMISSION
INVESTIGATION OF LIGHT SCATTERING IN HIGHLY REFLECTING PIGMENTED COATINGS.
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50

COATINGS, ULTRAVIOLET RADIATION
ULTRAVIOLET DEGRADATION STUDY.
N66-11226 20M U 41 03 HC$ 1.00 MF$ 0.50

COATINGS, WAVEGUIDE WINDOWS
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-408 398 9A U 41 07 HC$ 3.00

AD-421 001 9A U 41 07 HC$ 2.00

COAXIAL CABLES, ELECTRICAL PROPERTIES
ELECTRICAL CHARACTERISTICS OF COAXIAL CABLE.
LA-3318 9A U 41 08 HC$ 1.00 MF$ 0.50

COAXIAL CABLES, RADIOFREQUENCY
PHASE STABILITY OF TYPICAL NAVY RADIO FREQUENCY COAXIAL CABLES.
AD-628 682 9A T 66 07 HC$ 1.00 MF$ 0.50

COBALT ALLOYS, CORROSION
HOT CORROSION MECHANISM STUDIES.
AD-629 598 11F T 66 08 HC$ 4.00 MF$ 0.75

COBALT ALLOYS, MECHANICAL PROPERTIES
A STUDY OF THE MECHANICAL PROPERTIES OF HIGH-COBALT CEMENTED TUNGSTEN CARBIDES.
NYO-2394-12 11F U 41 07 HC$ 1.00 MF$ 0.50

COBALT ALLOYS, PHASE STUDIES
DIE KOBALTREICHEN LEGIERUNGEN IM DREISTOFFSYSTEM KOBALT-ANTIMON-BOR.
AD-628 646 11F T 66 07

DIE KOBALTECKE IM DREISTOFFSYSTEM KOBALT-NIOB-BOR (THE COBALT PHASE IN THE TERTIARY SYSTEM OF COBALT-NIOBIUM-BORON).
AD-629 395 11F T 66 08

COBALT COMPOUNDS, ELECTRICAL PROPERTIES
ELECTRICAL PROPERTIES OF TRANSITION METAL OXIDES UP TO 1800C.
AD-628 321 20L T 66 07 HC$ 3.00 MF$ 0.75

COBALT COMPOUNDS, METALORGANIC COMPOUNDS
PROTONATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES. A NEW SYNTHESIS OF NITRILES.
AD-629 112 7C T 66 08

PREPARATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES.
AD-629 122 7C T 66 08

COBALT COMPOUNDS, OXIDES
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

COBALT, NUCLEAR MAGNETIC RESONANCE
NUCLEAR RESONANCE IN SHEETS AND POWDERS OF COBALT.
AD-629 255 7D T 66 08

CODING, OPTIMIZATION
CONCATENATED CODES.
AD-628 956 9D T 66 08 HC$10.60 MF$ 0.75

CODING, THEOREMS
THE SARDINAS/PATTERSON AND LEVENSHTEIN THEOREMS.
AD-629 539 9D T 66 08 HC$ 2.00 MF$ 0.50

COLD FLOW TESTS, ROCKET MOTORS
ACOUSTIC LOSSES OF A SUBSCALE, COLD-FLOW ROCKET MOTOR FOR VARIOUS 'J' VALUES.
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75

COLLOIDS, VISCOSITY
VISCOSITY STUDIES ON DISTILLED WATER AND WEAK SOLS OF POLYETHYLENOXIDE USING THE FALLING CYLINDER VISCOMETER AT OKLAHOMA STATE UNIVERSITY.
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50

COLOMBIA, COMMERCE
COLOMBIA.
PB-169 272 5C U 41 07 HC$ 5.00 MF$ 1.00

COLOR CENTERS, MAGNESIUM COMPOUNDS
A HYDROGEN-CONTAINING TRAPPED HOLE CENTER IN MAGNESIUM OXIDE.
AD-629 658 20L T 66 08

TRAPPED HOLE CENTER CONTAINING FLUORINE IN MAGNESIUM OXIDE.
AD-629 661 20L T 66 08

COLOR CENTERS, TRANSPORT PROPERTIES
RESONANT ENERGY TRANSFER BETWEEN EXCITED F-CENTERS IN KI.
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50

COLOR VISION, MODEL THEORY
A THEORETICAL MODEL FOR COLOR VISION.
AD-628 873 6D T 66 07 HC$ 6.00 MF$ 1.25

COLORED SMOKES, DETECTION
SMOKE MARKER DETECTION AND IDENTIFICATION STUDY.
AD-467 335 19A U 41 07 HC$ 3.00 MF$ 0.75

COLORS, DISPLAY SYSTEMS
COLOR CODING IN FORMATTED DISPLAYS.
AD-628 624 5J T 66 07

COLORS, MEASUREMENT
TWO APPROACHES TO A PORTABLE COLOR -MEASURING SYSTEM.
AD-629 704 20F T 66 08 HC$ 1.00 MF$ 0.50

COMBINA TORIAL ANALYSIS, LINEAR PROGRAMMING
INTEGER PROGRAMMING BY IMPLICIT ENUMERATION AND BALAS' METHOD.
AD-628 361 12B T 66 07 HC$ 2.60 MF$ 0.50

COMBINATORIAL ANALYSIS, ALGEBRA
ALGEBRAIC DERIVATION OF THE PARTITION FUNCTION OF A TWO-DIMENSIONAL ISING MODEL.
AD-629 176 12A T 66 08

COMBINATORIAL ANALYSIS, GEOMETRY
THE D-STEP CONJECTURE FOR POLYHEDRA OF DIMENSION D<6.
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50

COMBINATORIAL ANALYSIS, GROUPS(MATHE MATICS)
THE INVERSE MULTIPLIER FOR ABELIAN GROUP DIFFERENCE SETS.

AD-629 035 12A T 66 08

COMBUSTION CHAMBERS, GRAPHITE
REFRACTORY THRUST CHAMBERS FOR SPACECRAFT ENGINES.
N66-12874 2' ' U 41 08 HC$ 5.00 MF$ 1.00

COMBUSTION CHAMBERS, MATHEMATICAL MODELS
ON THE APPROXIMATE MODELING OF COMBUSTION CHAMBERS OF GAS TURBINES ON NATURAL GAS,
AD-629 474 21E T 66 08 HC$ 1.60 MF$ 0.50

COMBUSTION CHAMBERS, WIND TUNNELS
A NOTE ON WIRE IGNITION IN COMBUSTION-HEATED DRIVERS FOR SHOCK-TUNNEL APPLICATION,
N65-35956 14B U 41 07 HC$ 1.00 MF$ 0.50

COMBUSTION, EXPLOSIVE MATERIALS
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS.
AD-628 915 19D T 66 08 HC$ 1.10 MF$ 0.50

COMBUSTION, STABILITY
MECHANICAL VIBRATION: A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES.
AD-628 920 21B T 66 08 HC$ 3.60 MF$ 0.50

RESEARCH ON SOLID PROPELLANT COMBUSTION INSTABILITY.
AD-629 585 21I T 66 08 HC$ 3.60 MF$ 0.50

COMETS, MOLECULAR SPECTROSCOPY
THE LAMBDA 4300 BAND OF CH IN THE SPECTRUM OF COMET IKEYA (1963A).
AD-628 813 3H T 66 07 HC$ 2.60 MF$ 0.50

COMETS, SPECTROSCOPY
THE ROTATIONAL AND VIBRATIONAL 'TEMPERATURES' OF C2 IN COMETS.
AD-628 814 3A T 66 07 HC$ 2.60 MF$ 0.50

COMMERCE, AUSTRALIA
COMMONWEALTH OF AUSTRALIA.
PB-169 284 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, AUSTRIA
AUSTRIA.
PB-169 260 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, BULGARIA
BULGARIA.
PB-169 253 5C U 41 07 HC$ 1.00 MF$ 0.50

COMMERCE, CANADA
CANADA.
PB-169 274 5C U 41 07 HC$ 5.00 MF$ 1.00

COMMERCE, CEYLON
CEYLON.
PB-169 270 5C U 41 07 HC$ 2.00 MF$ 0.50

COMMERCE, COLOMBIA
COLOMBIA.
PB-169 272 5C U 41 07 HC$ 5.00 MF$ 1.00

COMMERCE, CZECHOSLOVAKIA
CZECHOSLOVAKIA.
PB-169 278 5C U 41 07 HC$ 4.00 MF$ 0.75

COMMERCE, DENMARK
DENMARK.
PB-169 266 5C U 41 07 HC$ 4.00 MF$ 0.75

COMMERCE, EIRE
IRISH REPUBLIC.
PB-169 259 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, FINLAND
FINLAND.
PB-169 269 5C U 41 07 HC$ 6.00 MF$ 1.50

COMMERCE, GHANA
GHANA.
PB-169 282 5C U 41 07 HC$ 1.00 MF$ 0.50

COMMERCE, GREECE
GREECE.
PB-169 283 5C U 41 07 HC$ 6.00 MF$ 1.50

COMMERCE, ICELAND
ICELAND.
PB-169 268 5C U 41 07 HC$ 4.00 MF$ 0.75

COMMERCE, INDIA
INDIA.
PB-169 256 5C U 41 07 HC$ 3.00 MF$ 0.75

COMMERCE, ITALY
ITALY.
PB-169 281 5C U 41 07 HC$ 7.00 MF$ 1.75

COMMERCE, JORDAN
JORDAN (HASHEMITE KINGDOM OF JORDAN).
PB-169 277 5C U 41 07 HC$ 4.00 MF$ 0.75

COMMERCE, LIBYA
UNITED KINGDOM OF LIBYA.
PB-169 290 5C U 41 07 HC$ 3.00 MF$ 0.75

COMMERCE, MALAYA
MALAYSIA.
PB-169 264 5C U 41 07 HC$ 2.00 MF$ 0.75

COMMERCE, MIDDLE EAST
UNITED ARAB REPUBLIC.
PB-169 289 5C U 41 07 HC$ 4.00 MF$ 0.75

COMMERCE, MOROCCO
MOROCCO (KINGDOM OF).
PB-169 285 5C U 41 07 HC$ 3.00 MF$ 0.75

COMMERCE, NORWAY
NORWAY.
PB-169 267 5C U 41 07 HC$ 6.00 MF$ 1.50

COMMERCE, SWEDEN
SWEDEN.
PB-169 276 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, SWITZERLAND
SWITZERLAND.
PB-169 265 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, TUNISIA
TUNISIA.
PB-169 280 5C U 41 07 HC$ 4.00 MF$ 0.75

COMMERCE, UNITED STATES
UNITED STATES OF AMERICA.
PB-169 293 5C U 41 07 HC$ 7.00 MF$ 1.50

COMMERCE, USSR
U.S.S.R.
PB-169 254 5C U 41 07 HC$ 1.00 MF$ 0.50

COMMERCE, ATLANTIC OCEAN ISLANDS
ISLE OF MAN.
PB-169 288 5C U 41 07 HC$ 1.00 MF$ 0.50

COMMERCE, EUROPE
THE COMMON MARKET AND EUROPEAN UNIFICATION,
AD-629 133 5C T 66 08 HC$ 4.00 MF$ 0.75

COMMERCE, GREAT BRITAIN
GREAT BRITAIN AND NORTHERN IRELAND (UNITED KINGDOM OF).
PB-169 287 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, INDIAN OCEAN ISLANDS
MAURITIUS.
PB-169 279 5C U 41 07 HC$ 2.00 MF$ 0.50

COMMERCE, MEDITERRANEAN SEA ISLANDS
MALTA.
PB-169 292 5C U 41 07 HC$ 2.00 MF$ 0.50

COMMERCE, PACIFIC OCEAN ISLANDS
REUNION ISLAND.
PB-169 291 5C U 41 07 HC$ 1.00 MF$ 0.50

COMMERCE, PERU
PERU.
PB-169 261 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, SUBSAHARAN AFRICA
MALI (REPUBLIC OF).
PB-169 257 5C U 41 07 HC$ 4.00 MF$ 0.75

GUINEA (REPUBLIC OF).
PB-169 258 5C U 41 07 HC$ 4.00 MF$ 0.75

KINGDOM OF BURUNDI.
PB-169 263 5C U 41 07 HC$ 4.00 MF$ 1.00

EAST AFRICA (COMMON CUSTOMS AND EXCISE SERVICE).
PB-169 271 5C U 41 07 HC$ 2.00 MF$ 0.50

REPUBLIC OF ZAMBIA.
PB-169 273 5C U 41 07 HC$ 3.00 MF$ 0.75

RWANDA (REPUBLIC OF).
PB-169 275 5C U 41 07 HC$ 4.00 MF$ 0.75

REPUBLIC OF LIBERIA.
PB-169 286 5C U 41 07 HC$ 1.00 MF$ 0.50

COMMERCE, UNION OF SOUTH AFRICA
SOUTH AFRICA (REPUBLIC OF).
PB-169 255 5C U 41 07 HC$ 6.00 MF$ 1.25

COMMERCE, WEST GERMANY
GERMANY (FEDERAL REPUBLIC OF).
PB-169 262 5C U 41 07 HC$ 7.00 MF$ 1.50

COMMERCIAL PLANES, RADIATION HAZARDS
RADIATION LEVELS ABOARD COMMERCIAL JET AIRCRAFT RESULTING FROM ATMOSPHERIC NUCLEAR WEAPONS TESTS, NOVEMBER 1961 - DECEMBER 1962,
AD-628 970 M18H,T 66 08

COMMUNICA TION SYSTEMS, ARMY EQUIPMENT
DATA TRANSMISSION, ERROR CONTROL AND COMMUNICATIONS SECURITY.
AD-629 354 17B T 66 08 HC$ 2.60 MF$ 0.50

COMMUNICATION EQUIPMENT, INTEGRATED CIRCUITS
MODULES (INTEGRATED CIRCUITS) FOR COMMUNICATIONS.
AD-628 117 9E T 66 07 HC$ 4.60 MF$ 0.50

COMMUNICATION EQUIPMENT, PORTABLE
LIGHTWEIGHT AUDIO ACCESSORIES.
AD-628 672 17B T 66 07 HC$ 1.60 MF$ 0.50

COMMUNICATION EQUIPMENT, VIEWING SCREENS
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.

AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

COMMUNICATION SATELLITES(ACTIVE), ECONOMICS
ROUTING AND ECONOMIC PRINCIPLES OF MULTIPLE ACCESS SATELLITE COMMUNICATION.
N66-13010 17A U 41 08 HC$ 4.00 MF$ 0.75

COMMUNICATION SATELLITES(ACTIVE), RADIATION DAMAGE
RELAY I PROGRAM.
N66-10226 22B U 41 08 HC$ 4.25 MF$ 3.50

COMMUNICATION SATELLITES(ACTIVE), MONITORS
A FEASIBILITY STUDY OF A COMMUNICATIONS SATELLITE FOR DEEP-SPACE MONITORING.
N66-13020 22B U 41 07 HC$ 2.00 MF$ 0.50

COMMUNICATION SATELLITES(PASSIVE), USSR
ANALYSIS OF US - USSR COMMUNICATIONS EXPERIMENTS CONDUCTED BETWEEN JODRELL BANK OBSERVATORY, UK, AND ZIMENKI OBSERVATORY, USSR, VIA THE ECHO II SATELLITE.
N66-11235 17B U 41 08 HC$ 5.00 MF$ 1.25

COMMUNICATION SYSTEMS, DIVERSITY RECEPTION
MAXIMAL-RATIO DIVERSITY COMBINERS.
AD-628 993 17B T 66 08 HC$ 3.00 MF$ 0.50

COMMUNICATION SYSTEMS, SWITCHING CIRCUITS
MILITARY COMMUNICATIONS SWITCHING SYSTEM DESIGN.
AD-629 352 17B T 66 08 HC$ 3.00 MF$ 0.75

COMPILERS, AUTOMATA
STACK AUTOMATA AND COMPILING.
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75

COMPILERS, SIMULATION
KINGSTON FORTRAN II LIBRARY SUBPROGRAMS AS SIMULATION AIDS.
AD-628 335 9B T 66 07 HC$10.60 MF$ 0.75

COMPLEX COMPOUNDS, CHEMICAL ANALYSIS
ABSORPTIVITIES OF COMPLEXES FROM THE VARIATION AND THE MOLE RATIO METHODS FOR COMPLEX DETERMINATIONS.
SC-RR-65-625 7B U 41 07 HC$ 1.00 MF$ 0.50

COMPLEX COMPOUNDS, COBALT COMPOUNDS
PREPARATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES.
AD-629 122 7C T 66 08

COMPLEX COMPOUNDS, EXCHANGE REACTIONS
ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS.
AD-629 551 7B T 66 08

SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES.
AD-629 552 7B T 66 08

SOLVENT EFFECTS ON CHARGE-TRANSFER COMPLEXES. II. COMPLEXES OF 1,3,5- TRINITROBENZENE WITH BENZENE, MESITYLENE, DURENE, PENTAMETHYLBENZENE, OR HEXAMETHYLBENZENE.
AD-629 553 7C T 66 08

COMPLEX COMPOUNDS, LASERS
LIQUID LASER PARAMETERS.
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

COMPLEX COMPOUNDS, REACTION KINETICS
THE THERMODYNAMICS AND KINETICS OF COORDINATION COMPOUNDS.
TID-21660 7C U 41 07 HC$ 3.00 MF$ 0.75

COMPLEX VARIABLES, OPTIMIZATION
NECESSARY CONDITIONS FOR SINGULAR EXTREMALS.
AD-629 021 12B T 66 08

COMPOSITE MATERIALS, BEAMS(STRUCTURAL)
DIGITAL COMPUTER METHODS IN THE SOLUTION OF BOUNDARY VALUE PROBLEMS FOR THE NATURAL FREQUENCIES OF LAMINATED, ELASTIC, VISCOELASTIC BEAMS HAVING UNSYMETRICAL MOUNTINGS.
AD-629 372 20K T 66 08 HC$ 5.60 MF$ 0.75

COMPOSITE MATERIALS, FIBERS
METHOD FOR PRODUCING CONDUCTIVE GLASS FIBER YARN.
PATENT 3,222,149 11E U 41 08

COMPOSITE MATERIALS, LUBRICANTS
SELF-LUBRICATING MATERIALS.
AD-629 674 11H T 66 08 HC$ 2.60 MF$ 0.50

COMPOSITE MATERIALS, REVIEWS
A SURVEY OF COMPOSITE MATERIALS AND STRUCTURES.
AD-628 668 11D T 66 07 HC$ 1.00 MF$ 0.50

COMPOSITE PROPELLANTS, COMBUSTION
A MODEL FOR LOW-PRESSURE EXTINCTION OF SOLID ROCKET MOTORS.
AD-629 026 21H T 66 08

COMPRESSIBLE FLOW, BOUNDARY VALUE PROBLEMS
THE EXISTENCE OF SUBSONIC JETS OF A COMPRESSIBLE FLUID.
AD-628 511 20D T 66 07

COMPRESSIBLE FLOW, CONVECTION(ATMOSPHERIC)
CONVECTIVE INSTABILITY IN A COMPRESSIBLE ATMOSPHERE. I.
AD-628 525 20D T 66 07

COMPRESSIBLE FLOW, SUPERAERODYNAMICS
ONE-DIMENSIONAL COMPRESSION OF A COLLISIONLESS GAS.
AD-629 301 20D T 66 08

COMPUTER LOGIC, PATENTS
DIRECT COUPLED LOGIC CIRCUIT.
PATENT 3,218,470 9A U 41 07

COMPUTER LOGIC, PULSE AMPLIFIERS
AN APPLICATION OF INTERCOUPLED-TRANSMISSION-LINE-AMPLIFIER.
AD-628 670 9E T 66 07 HC$ 1.00 MF$ 0.50

COMPUTER LOGIC, RELIABILITY
MATRIX CRITERIA FOR ARBITRARY RELIABILITY IN ITERATED NEURAL NETS.
AD-628 909 9B T 66 08

COMPUTER LOGIC, SPECIAL FUNCTIONS (MATHEMATICAL)
CANONICAL AND MINIMAL FORMS FOR NAND AND NOR LOGIC.
AD-628 169 9B T 66 07 HC$ 2.60 MF$ 0.50

A 'REGION' CONCEPT AND ITS APPLICATION TO THRESHOLD LOGIC.
AD-628 827 9B T 66 07

COMPUTER LOGIC, SWITCHING CIRCUITS
THRESHOLD FUNCTIONS THROUGH N = 7.
AD-452 952 12A U 41 08 HC$ 2.00

COMPUTER LOGIC, TUNNEL DIODES
BI-STABLE CIRCUIT FOR GATING AND LOGIC EMPLOYING TUNNEL DIODES.
PATENT 3,218,465 9A U 41 07

COMPUTER PERSONNEL, SELECTION
HETEROGENEOUS KEY DEVELOPMENT: VOCATIONAL INTERESTS OF COMPUTER PROGRAMMERS.
AD-628 207 5I T 66 07 HC$ 1.00 MF$ 0.50

COMPUTER PERSONNEL, TRAINING
SEMINAR OF MILITARY COMPUTER EDUCATORS AND COMPUTER CENTER DIRECTORS.
AD-628 935 9B T 66 08 HC$ 7.20 MF$ 2.00

COMPUTER STORAGE DEVICES, PROGRAMMING LANGUAGES
A NOTE ON PUSHDOWN STORE AUTOMATA AND REGULAR SYSTEMS.
AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50

FINITE-TURN PUSHDOWN AUTOMATA.
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50

COMPUTER STORAGE DEVICES, THIN FILMS(STORAGE DEVICES)
MAGNETO-OPTICAL DISPLAY PANEL WITH MEMORY.
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50

COMPUTERS, ALGORITHMS
THEOREM-PROVING BY COMPUTER.
AD-628 319 9B T 66 07 HC$ 3.60 MF$ 0.50

COMPUTERS, EDUCATION
SEMINAR OF MILITARY COMPUTER EDUCATORS AND COMPUTER CENTER DIRECTORS.
AD-628 935 9B T 66 08 HC$ 7.20 MF$ 2.00

COMPUTERS, HISTORY
JOHNNIAC EULOGY.
AD-629 222 9B T 66 08 HC$ 1.00 MF$ 0.50

COMPUTERS, INFORMATION RETRIEVAL
THE APPLICATIONS OF COMPUTERS TO THE APL STORAGE AND RETRIEVAL SYSTEM.
AD-462 339 5B U 41 08 HC$ 2.60

A STORAGE AND RETRIEVAL SYSTEM FOR REALTIME PROBLEM SOLVING.
AD-467 454 9B U 41 08 HC$ 3.00 MF$ 0.50

COMPUTERS, MAN MACHINE SYSTEMS
PROJECT MAC! PROGRESS REPORT II: JULY 1964 TO JULY 1965.
AD-629 494 9B T 66 08 HC$ 6.00 MF$ 1.25

COMPUTERS, PROBLEM SOLVING
A PROBLEM SOLVING FACILITY.
AD-467 356 9B U 41 08 HC$ 7.60 MF$ 0.75

COMPUTERS, REAL TIME
DESIGN OF REAL TIME COMPUTERS UTILIZING COUNTING TECHNIQUES.
N65-35834 9B U 41 07 HC$ 3.00 MF$ 0.50

COMPUTERS, REDUNDANT COMPONENTS
RESEARCH ON FAILURE FREE SYSTEMS.
N66-13048 9B U 41 07 HC$ 5.00 MF$ 1.00

COMPUTERS, SIMULATION
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES.
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

CONCRETE, INLAND WATERWAYS
CANAL CAPACITY STUDIES: CONCRETE SECTIONS, MAIN CANAL (LONG LAKE REACH) COLUMBIA BASIN PROJECT.
PB-169 373 13B U 41 08 HC$ 4.00 MF$ 0.75

CONDENSATION TRAILS, ALKALI METALS
OBSERVED CHARACTERISTICS OF IONOSPHERIC WINDS.
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50

CONDENSATION REACTIONS, KETONES
CONDENSATIONS AT THE TERMINAL METHYL GROUP OF 1,3,5-TRIKETONES BY MEANS OF SODAMIDE IN LIQUID AMMONIA.
AD-629 497 7C T 66 08

CONDENSATION, GAS FLOW
DIGITAL COMPUTER STUDIES OF CONDENSATION IN EXPANDING ONE-COMPONENT FLOWS.
AD-628 543 20D T 66 07 HC$ 6.60 MF$ 0.75

CONDENSATION, THEORY
PHASE TRANSITIONS IN MATTER.
AD-629 237 7D T 66 08

CONDENSERS(LIQUEFIERS), DESIGN
DESIGN AND PERFORMANCE OF STAGED STEAM EJECTORS WITH INTERSTAGE CONDENSERS.
AD-629 526 13K T 66 08 HC$ 4.60 MF$ 0.50

CONDUCTIVITY, THEORY
A MULTILAYER CONDUCTING EARTH IN THE FIELD OF PLANE WAVES.
AD-629 320 20C T 66 08

CONFINED ENVIRONMENTS, TOLERANCE(PHYSIOLOGY)
HYPOKINESIA SECONDARY TO CHAIR REST FROM 4 TO 10 DAYS.
AD-628 314 6S T 66 07

CONFORMAL MAPPING, INTEGRAL EQUATIONS
CONFORMAL MAPPING OF A CLASS OF DOUBLY CONNECTED REGIONS.
N65-20795 12A U 41 07 HC$ 3.00 MF$ 0.75

CONICAL BODIES, HYPERSONIC FLOW
EXPERIMENTAL DETERMINATION OF PRESSURE DISTRIBUTION OVER SLENDER CONES AT ANGLES OF ATTACK AT MACH 14.
AD-628 549 20D T 66 07 HC$ 4.60 MF$ 0.50

LAMINAR, TRANSITIONAL AND TURBULENT FLOW WITH ADVERSE PRESSURE GRADIENT ON A CONE-FLARE AT MACH 10.
AD-629 094 20D T 66 08 HC$ 6.60 MF$ 0.75

CONICAL BODIES, RADAR ECHO AREAS
THE THEORETICAL AND NUMERICAL DETERMINATION OF THE RADAR CROSS SECTION OF A FINITE CONE.
AD-628 633 17I T 66 07

CONSTRUCTION, PERSONNEL MANAGEMENT
HUMAN FACTORS AS THEY AFFECT METHODS IMPROVEMENT IN CONSTRUCTION.
AD-628 940 5I T 66 08 HC$ 3.00 MF$ 0.75

CONTAINERS, SHOCK RESISTANCE
IMPACT RESISTANCE OF CASKS.
CONF-641201-16 13D U 41 07 HC$ 2.00 MF$ 0.75

CONTAINERS, TRANSPORTATION
STRUCTURAL INTEGRITY OF SHIPPING CONTAINERS FOR RADIOACTIVE MATERIALS. PART IV. A DISCUSSION OF APPROACHES TO THE VEHICLECOLLISION PROBLEM.
NYO-2539-3 13D U 41 07 HC$ 1.00 MF$ 0.50

CONTEXT FREE GRAMMARS, METAMATHEMATICS
THE UNSOLVABILITY OF THE RECOGNITION OF LINEAR CONTEXT-FREE LANGUAGES.
AD-628 282 5G T 66 07 HC$ 1.00 MF$ 0.50

CONTEXT SENSITIVE GRAMMARS, MAPPING(TRANSFORMATIONS)
MAPPINGS WHICH PRESERVE CONTEXT SENSITIVE LANGUAGES.
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50

CONTINUOUS WAVE RADAR, SURFACES
THE BISTATIC CONTINUOUS-WAVE RADAR METHOD FOR THE STUDY OF PLANETARY SURFACES.
N66-12967 3B U 41 08 HC$ 1.00 MF$ 0.50

CONTINUOUS ROD WARHEADS, IMPACT PREDICTION
THE LETHAL VOLUME OF A CONTINUOUS ROD WARHEAD.
AD-629 390 16C T 66 08 HC$ 3.00 MF$ 0.75

CONTINUUM MECHANICS, SPECIAL PURPOSE COMPUTERS
DEVELOPMENT OF AN AUTOMATIC DEVICE FOR SOLVING CONTINUUM MECHANICS PROBLEMS.
AD-628 863 9D T 66 07 HC$ 5.00 MF$ 1.25

CONTINUUM MECHANICS, STRUCTURES
ELASTIC-PLASTIC CONTINUA CONTAINING UNSTABLE ELEMENTS OBEYING NORMALITY AND CONVEXITY RELATIONS.
AD-628 855 20K T 66 07 HC$ 2.60 MF$ 0.50

CONTROL SEQUENCES, DATA PROCESSING SYSTEMS
DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY.
AD-629 346 9A T 66 08 HC$ 2.00 MF$ 0.50

CONTROL SYSTEMS, FEEDBACK
DELTA MODULATION IN FEEDBACK CONTROL SYSTEMS.
AD-629 664 9C T 66 08

CONTROL SYSTEMS, FUNCTIONS
DUAL DYNAMICAL SYSTEMS AND THEIR REPRESENTATION BY SYSTEM FUNCTION.
AD-628 704 12B T 66 07

CONTROL SYSTEMS, INVARIANCE
INVARIANCE, UNCONTROLLABILITY, AND UNOBSERVABILITY IN DYNAMICAL SYSTEMS.
AD-628 697 12A T 66 07

CONTROL SYSTEMS, MATHEMATICAL ANALYSIS
AN ANALYSIS OF CHEMICAL REACTOR STABILITY AND CONTROL.
PB-169 137 7A U 41 07 HC$ 4.00 MF$ 0.75

CONTROL SYSTEMS, NONLINEAR SYSTEMS
INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 5. PIECEWISE LINEAR METHODS AND ABSOLUTE STABILITY.
AD-628 954 12B T 66 08 HC$ 6.00 MF$ 1.50

INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 6. EXTREMAL SYSTEMS AND INTRODUCTION OF STATISTICAL DATA.
AD-628 955 12H T 66 08 HC$ 6.00 MF$ 1.50

CONTROL SYSTEMS, OPTIMIZATION
SYSTEM OPTIMIZATION WITH FIXED CONTROL STRUCTURE.
AD-628 112 12B T 66 07 HC$ 8.60 MF$ 0.75

ON THE GEOMETRY OF OPTIMAL PROCESSES. PART III.
AD-629 000 12B T 66 08 HC$ 6.60 MF$ 0.75

CONTROL SYSTEMS, SCIENTIFIC RESEARCH
SEMI-ANNUAL RESEARCH SUMMARY (3RD), JULY-DECEMBER 1965.
AD-628 864 5A T 66 07 HC$ 6.00 MF$ 1.25

SEMIANNUAL PROGRESS REPORT NO. 70, JANUARY 1, 1965-JULY 1, 1965.
AD-629 484 9C T 66 08 HC$ 6.60 MF$ 0.75

CONTROL SYSTEMS, STABILITY
ON THE STABILITY OF SYSTEMS DEFINED OVER A FINITE TIME INTERVAL.
AD-628 699 12B T 66 07

STABILITY ANALYSIS OF RELAY-CONTROL SYSTEMS VIA THE DIRECT METHOD OF LYAPUNOV.
N65-35962 12B U 41 07 HC$ 3.00 MF$ 0.75

METHODS FOR SYSTEMATIC GENERATION OF LIAPUNOV FUNCTIONS /PART ONE/.
N66-10626 12A U 41 08 HC$ 7.00 MF$ 2.00

CONTROL SYSTEMS, STOCHASTIC PROCESSES
STOCHASTIC STABILITY AND THE DESIGN OF FEEDBACK CONTROLS.
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50

SOME PROBLEMS AND SOME RECENT RESULTS IN STOCHASTIC CONTROL.
AD-628 700 12B T 66 07

CONTROL, STOCHASTIC PROCESSES
A PROPERTY OF SEQUENTIAL CONTROL PROCESSES.
AD-628 096 12B T 66 07 HC$ 1.60 MF$ 0.50

CONVECTION(ATMOSPHERIC), COMPRESSIBLE FLOW
CONVECTIVE INSTABILITY IN A COMPRESSIBLE ATMOSPHERE. I.
AD-628 525 20D T 66 07

CONVECTION(ATMOSPHERIC), RADAR ECHO AREAS
THE RELATION BETWEEN THE THERMODYNAMIC STATE OF THE ATMOSPHERE AND RADAR ECHOES FROM A CLEAR SKY.
AD-628 971 4A T 66 08 HC$ 1.00 MF$ 0.50

CONVECTION(HEAT TRANSFER), FLUIDS
ONSET OF CONVECTION IN A LAYER OF FLUID COOLED FROM ABOVE.
AD-629 137 20M T 66 08

CONVECTION(HEAT TRANSFER), MELTING
A THEORETICAL INVESTIGATION ON THE EFFECT OF MELTING ON FORCED CONVECTION HEAT TRANSFER.
AD-629 066 20M T 66 08 HC$ 1.60 MF$ 0.50

CONVECTION(HEAT TRANSFER), SECONDARY FLOW
CONVECTIVE INSTABILITIES IN FULLY DEVELOPED FLOWS.
AD-628 098 20D T 66 07 HC$ 1.60 MF$ 0.50

CONVECTION(HEAT TRANSFER), WIND
ON THE EFFECTS OF THE VERTICAL WIND SHEAR ON THE DEVELOPMENT AND STRUCTURE OF CONVECTION.
AD-628 223 4B T 66 07 HC$ 1.00 MF$ 0.50

CONVEX SETS, GEOMETRY
THE D-STEP CONJECTURE FOR POLYHEDRA OF DIMENSION D<6.
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50

CONVULSIVE DISORDERS, LEARNING
CHRONIC ELECTROSHOCK: EFFECTS ON BRAIN WEIGHT, BRAIN CHEMISTRY, AND BEHAVIOR.
AD-628 243 5J T 66 07

COOLING, STARS
NEUTRON STARS. II. NEUTRINO-COOLING AND OBSERVABILITY.
AD-628 460 3B T 66 07

COPPER ALLOYS, CHEMICAL ANALYSIS
STANDARD REFERENCE MATERIALS: METHODS FOR THE CHEMICAL ANALYSIS OF NBS COPPER-BASE SPECTROCHEMICAL STANDARDS.
C13.10-260-7 11F U 41 07 MF$ 0.75

COPPER ALLOYS, ELASTICITY
ALLOYS OF IMPROVED ELASTIC PROPERTIES.
AD-629 726 11F T 66 08 HC$ 3.00 MF$ 0.50

AD-629 727 11F T 66 08 HC$ 4.00 MF$ 0.75

COPPER ALLOYS, PHYSICAL PROPERTIES
PROPERTY INVESTIGATION OF COPPER BASE ALLOYS AT AMBIENT AND ELEVATED TEMPERATURES.
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50

COPPER ALLOYS, THERMAL CONDUCTIVITY
EFFECT OF CRYSTAL ANISOTROPY ON THE THERMAL CONDUCTIVITY OF COPPER ALLOYS.
AD-629 069 20L T 66 08

COPPER COMPOUNDS, FLUORIDES
MAGNETIC PROPERTIES OF CUF2.
AD-629 292 20L T 66 08

COPPER, ADSORPTION
THE ADSORPTION OF SULFUR ON COPPER.
AD-629 483 7D T 66 08 HC$ 3.60 MF$ 0.50

COPPER, LOADING(MECHANICS)
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

COPPER, MICROSTRUCTURE
EFFECTS OF ELECTRODEPOSITED COATINGS ON THE DEFORMATION OF COPPER CRYSTALS.
COO-1198-161 11F U 41 07 HC$ 2.00 MF$ 0.50

COPPER, STRAIN(MECHANICS)
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME II. ANALYTICAL AND EXPERIMENTAL PLASTIC STRAIN PROFILES IN HIGH VELOCITY IMPACT.
AD-628 977 11F T 66 08 HC$11.60 MF$ 0.75

COPPER, STRESSES
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME I. THE EFFECT OF STRAIN RATE ON THE FLOW STRESS OF COPPER.
AD-628 865 11F T 66 07 HC$ 2.00 MF$ 0.50

COPPER, X-RAY DIFFRACTION ANALYSIS
ON THE MEANING OF THE FAULT PARAMETERS MEASURED BY X-RAYS: I. STRAIN DISTRIBUTIONS IN SHOCK-LOADED SINGLE CRYSTALS OF COPPER: II.
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50

CORNEA, FUNGI
MYCOTIC KERATITIS.
AD-629 341 E T 66 08

CORNEA, HISTOLOGY
MAST CELL DISRUPTION AND OTHER CHANGES IN THE PERICORNEAL TISSUE MORPHOLOGY AFTER INTRAPERITONEAL INJECTIONS OF A POTENT HISTAMINE LIBERATOR (COMPOUNDS 48/80).
AD-628 125 6M T 66 07

CORNEA, PATHOLOGY
NEW CONCEPTS IN PATHOLOGY OF THE CORNEA.
AD-629 342 6E T 66 08

CORN, MECHANICAL PROPERTIES
THE EFFECT OF WETTING CORN GRAIN ON ITS PHYSICO-MECHANICAL PROPERTIES.
AD-628 421 6H T 66 07 HC$ 1.00 MF$ 0.50

CORN, TRANSPORT PROPERTIES
WOUNDING RESPONSE IN RELATION TO POLAR TRANSPORT OF RADIOCALCIUM IN ISOLATED ROOT SEGMENTS OF ZEA MAYS.
AD-628 805 6C T 66 07 HC$ 1.60 MF$ 0.50

CORRELATORS, RADIO SIGNALS
A METHOD OF DETERMINING CROSS-CORRELATION COEFFICIENTS OF TIME-VARYING SIGNALS.
AD-629 325 20N T 66 08

CORROSION INHIBITION, ACETAL PLASTICS
PROTECTION OF STEEL AND LIGHT ALLOYS WITH POLYVINYL BUTYRAL PHOSPHATIZING PRIMERS VL-023.
AD-628 185 11C T 66 07 HC$ 1.00 MF$ 0.50

CORROSION INHIBITION, LUBRICANTS
CORROSION INHIBITING RESIN-BONDED SOLID FILM LUBRICANT.
PATENT 3,223,626 11H U 41 08

CORROSION INHIBITION, PHOSPHATE COATINGS
DEVELOPMENT OF AN IMPROVED RINSE SOLUTION FOR PHOSPHATE COATINGS THROUGH ADDITION OF ORGANIC ACIDS.
AD-628 072 11C T 66 07 HC$ 1.00 MF$ 0.50

CORROSION, SEA WATER
EVALUATION OF METALLIC MATERIALS EXPOSED TO THE DEEP OCEAN ENVIRONMENT AT 5640 FEET FOR 123 DAYS.
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75

CORROSION, HIGH-TEMPERATURE RESEARCH
HOT CORROSION MECHANISM STUDIES.
AD-629 598 11F T 66 08 HC$ 4.00 MF$ 0.75

CORROSION, LIQUID METAL COOLANTS
SNAP-8 CORROSION PROGRAM SUMMARY REPORT.
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25

CORYNEBACTERIUM, SOILS
MICROORGANISM STUDY PROGRESS REPORT.
N66-10773 6M U 41 08 HC$ 3.00 MF$ 0.50

COSMIC RAYS, ATMOSPHERE
ANNUAL PROGRESS REPORT FOR 1965.
AD-628 872 20H T 66 07 HC$ 1.00 MF$ 0.50

COSMIC RAYS, DETECTORS
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CYRSTALS.
AD-629 058 20L T 66 08

COSMIC RAYS, ELECTRONS
AN INVESTIGATION OF THE INTENSITIES AND CHARGE COMPOSITION OF LOW ENERGY ELECTRONS AT BALLOON ALTITUDES.
N66-13226 20H U 41 07 HC$ 1.00 MF$ 0.50

COSMIC RAYS, MEASUREMENT
SATELLITE OBSERVATIONS OF LOW-ENERGY PRIMARY COSMIC RAY NUCLEI OF CHARGES Z > OR= 6.
AD-628 631 4A T 66 07

COSMIC RAYS, TROPOSPHERE
SURVEY OF COSMIC-RAY INTENSITY IN THE LOWER ATMOSPHERE.
AD-628 884 4A T 66 08

COSMIC RAYS, X RAYS
THE DISTRIBUTION OF X-RAY SOURCES IN THE GALAXY.
AD-628 471 4B T 66 07

COST EFFECTIVENESS, MANAGEMENT CONTROL SYSTEMS
PROCEEDINGS OF NASA INDUSTRY PERT COMPUTER CONFERENCE.
N66-10561 9B U 41 08 HC$ 5.00 MF$ 1.00

COST EFFECTIVENESS, UNCERTAINTY
ESTIMATING COST UNCERTAINTY USING MONTE CARLO TECHNIQUES.
AD-629 082 14A T 66 08 HC$ 3.00 MF$ 0.50

COSTS, LOGISTICS
A COST ESTIMATING RELATIONSHIP FOR PETROLEUM-OIL-LUBRICANTS COSTS.
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75

COUNTING METHODS, CIRCUITS
RING COUNTER STABILIZING CIRCUITRY FOR CONDITIONS OF NON-CONDUCTION OF ALL STAGES OR CONDUCTION OF MORE THAN ONE.
PATENT 3,217,185 9A U 41 07

COUPLING CIRCUITS, ANTENNA COMPONENTS
EVALUATION OF UHF ANTENNA COUPLERS TYPES CU-691/U AND CU-692/U.
PB-169 249 9A U 41 07 HC$ 2.00 MF$ 0.50

CREEP, HIGH-TEMPERATURE RESEARCH
A HIGH TEMPERATURE CREEP MACHINE FOR IN-CELL OPERATION.
BNWL-137 18J U 41 08 HC$ 1.00 MF$ 0.50

CREEP, METALS
INTEGRAL REPRESENTATION OF CREEP AND RATE SENSITIVITY IN METALS.
AD-460 373 20K U 41 08 HC$ 3.60

CREOSOTE, EFFECTIVENESS
EXPERIMENTAL WOOD PILING TREATMENTS FY-64.
AD-456 491 11L U 41 07 HC$ 1.00

CRIMINOLOGY, NEUTRON ACTIVATION
USE OF NEUTRON ACTIVATION ANALYSIS IN SCIENTIFIC CRIME DETECTION. 12-MONTH SUMMARY REPORT FOR THE PERIOD NOVEMBER 1, 1963-OCTOBER 31, 1964.
GA-6152 20H U 41 08 HC$ 3.00 MF$ 0.75

CROSSED FIELD DEVICES, ELECTRON GUNS
RESEARCH ON NOISE IN CROSSED-FIELD GUNS.
AD-628 231 9A T 66 07 HC$17.00 MF$ 1.00

CROSSED FIELD DEVICES, NOISE(RADIO)
LOW-LEVEL, CROSSED-FIELD NOISE STUDY.
AD-629 125 9E T 66 08 HC$ 2.60 MF$ 0.50

CROSSLINKING(CHEMISTRY), CELLULOSE
PROCESS FOR CROSS-LINKING CELLULOSE WITH FORMALDEHYDE ADDUCTS OF DIVINYL SULFONE.
PATENT 3,219,708 11E U 41 08

CRUISERS, VIBRATION
CALCULATED NATURAL FREQUENCIES AND NORMAL MODES OF THE GUIDED MISSILE CRUISER USS LONG BEACH (CG(N)-9).
AD-628 441 13J T 66 07 HC$ 5.60 MF$ 0.50

CRUSTACEA, CILIATA
ON THE CILIATE FAUNA ASSOCIATED WITH THE MARINE SPECIES OF THE AMPHIPOD GENUS GAMMARUS J. G. FABRICIUS.
AD-628 589 8A T 66 07

CRUSTACEA, LIFE CYCLE
LIFE CYCLE, FOOD, AND GROWTH OF THE AMPHIPOD AMPELISCA MACROCEPHALA LILJEBORG FROM THE OERESUND.
AD-628 591 8A T 66 07

CRUSTACEA, PARASITES
LIFE HISTORY AND BIOLOGY OF KRONBORGIA AMPHIPODICOLA CHRISTENSEN AND KANNEWORFF (TURBELLARIA, NEORHABDOCOELA).
AD-628 590 8A T 66 07

CRYOGENICS, METALS
PLASTIC BEHAVIOR OF METALS AT CRYOGENIC TEMPERATURES.
AD-628 491 20K T 66 07 HC$ 2.00 MF$ 0.50

CRYOGENICS, PROGRAMMING(COMPUTERS)
FORTRAN PROGRAMS FOR CRYOGENIC THERMOMETRY.
AD-629 096 9B T 66 08 HC$ 3.00 MF$ 0.75

CRYOGENICS, SCIENTIFIC RESEARCH
CRYOGENIC RESEARCH AND DEVELOPMENT TENTH PROGRESS REPORT, PERIOD ENDING JUN. 30, 1963.
N66-10772 20M U 41 08 HC$ 2.00 MF$ 0.50

CRYOGENICS, STATISTICAL MECHANICS
STATISTICAL MECHANICS OF AN ASSEMBLY OF QUASIPARTICLES.
AD-629 616 20J T 66 08

CRYOPUMPING, DYNAMICS
THE DYNAMICS OF CRYOSORPTION PUMPING.
N65-35069 13H U 41 07 HC$ 1.00 MF$ 0.50

CRYSTAL FILTERS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE CRYSTAL UNIT CR-(XW-46A)/U.
AD-629 178 9A T 66 08 HC$ 2.00 MF$ 0.50

CRYSTAL GROWTH, RUBY
VAPOR PHASE GROWTH OF RUBY MONOCRYSTALS.
AD-629 154 20B T 66 08 HC$ 3.60 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR RUBY LASER RODS.
AD-629 170 20E T 66 08 HC$ 1.60 MF$ 0.50

CRYSTAL GROWTH, SINGLE CRYSTALS
THE APPLICATION OF DIFFUSE X-RAY-SCATTERING TO THE STUDY OF THE STRUCTURE OF BINARY ALLOYS.
N66-12873 20B U 41 08 HC$ 1.00 MF$ 0.50

CRYSTAL HOLDERS, QUARTZ RESONATORS
PRODUCTION ENGINEERING MEASURE FOR TYPE CR-(XW-60)/U CRYSTAL UNITS.
AD-629 434 9A T 66 08 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICE DEFECTS, CERAMIC MATERIALS
DISLOCATION STRUCTURES IN CLEAVED MAGNESIUM OXIDE.
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50

CRYSTAL LATTICE DEFECTS, COPPER
ON THE MEANING OF THE FAULT PARAMETERS MEASURED BY X-RAYS: I. STRAIN DISTRIBUTIONS IN SHOCK-LOADED SINGLE CRYSTALS OF COPPER: II.
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50

CRYSTAL LATTICE DEFECTS, DAMPING
A TEST OF VISCOUS DISLOCATION DAMPING THEORY.
AD-629 557 20B T 66 08 HC$ 2.60 MF$ 0.50

CRYSTAL LATTICE DEFECTS, INTERNAL FRICTION
STRESSES ON SECONDARY SYSTEMS DUE TO PILED-UP GROUPS OF DISLOCATIONS OF ARBITARY ORIENTATION.
AD-629 749 20B T 66 08

CRYSTAL LATTICE DEFECTS, MAGNESIUM COMPOUNDS
SPIN STATES OF TRIVALENT CHROMIUM WITH TETRAGONAL SYMMETRY IN MGO.
AD-629 659 20L T 66 08

THERMOLUMINESCENT FORMATION OF CR(2+) IN MAGNESIUM OXIDE.
AD-629 660 20L T 66 08

CRYSTAL LATTICE DEFECTS, SILVER COMPOUNDS
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CYRSTALS.
AD-629 058 20L T 66 08

CRYSTAL LATTICE DEFECTS, STRESSES
INTERACTION STRESSES OF EDGE DISLOCATIONS WITH OBSTACLES IN A DISCRETE CRYSTAL MODEL.
AD-628 404 20L T 66 07

THERKAL EFFECTS ON DISLOCATION VELOCITIES IN A LINEAR CHAIN.
AD-629 668 20B T 66 08

CRYSTAL LATTICE DEFECTS, TELLURIUM
NEGATIVE MAGNETORESISTANCE IN TELLURIUM.
AD-629 508 20L T 66 08

CRYSTAL LATTICE DEFECTS, TIN COMPOUNDS
PHOTOELECTRONIC ANALYSIS OF IMPERFECTIONS IN GROWN STANNIC OXIDE SINGLE CRYSTALS.
AD-628 643 20B T 66 07

CRYSTAL LATTICES, PARAMAGNETIC RESONANCE
A METHOD FOR E. P. R. MEASUREMENTS OF ORTHORHOMBIC SITES IN A CRYSTAL OF TETRAGONAL SYMMETRY.
AD-628 362 20B T 66 07

CRYSTAL LATTICES, PHASE STUDIES
LATTICE MODELS FOR COOPERATIVE PHENOMENA. I. SURVEY AND COMPARISON OF APPROXIMATE METHODS.
UCRL-14287 20B U 41 07 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICES, THEORY
INTERACTION STRESSES OF EDGE DISLOCATIONS WITH OBSTACLES IN A DISCRETE CRYSTAL MODEL.
AD-628 404 20L T 66 07

CRYSTAL STRUCTURE, BORON
THE PREPARATION AND STRUCTURE OF THIN FILMS OF BORON ON SILICON.
AD-628 632 20L T 66 07

CRYSTAL STRUCTURE, MINERALS
STUDY OF POLYTYPIC PHASE RELATIONS AMONG COMPLEX INORGANIC STRUCTURES.
AD-629 438 8G T 66 08 HC$ 1.60 MF$ 0.50

CRYSTAL STRUCTURE, NITRILES
THE CRYSTAL AND MOLECULAR STRUCTURE OF 7,7,8,8-TETRACYANOQUINODIMETHANE.
AD-629 698 20B T 66 08

CRYSTAL STRUCTURE, SURFACE PROPERTIES
INVESTIGATIONS OF ATOMIC PHENOMENA OCCURRING ON OR NEAR THE SURFACE OF SOLIDS BY METHODS OF ULTRA HIGH VACUUM ELECTRON DIFFRACTION AND ELECTRON MICROSCOPY.
AD-628 520 20B T 66 07 HC$ 1.00 MF$ 0.50

CRYSTAL STRUCTURE, URANIUM
URANIUM INTERSTITIAL PHASES.
NCSC-2663-16 20B U 41 08 HC$ 1.00 MF$ 0.50

CRYSTALLOGRAPHY, ALUMINUM COMPOUNDS
RESEARCH ON LOW FREQUENCY MEASUREMENTS.
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50

CRYSTALLOGRAPHY, CHOLESTEROL
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

CRYSTALLOGRAPHY, PROGRAMMING (COMPUTERS)
AN INTEGRATED SERIES OF CRYSTALLOGRAPHIC COMPUTER PROGRAMS. IX. REPARATION OF TABLES FOR PUBLICATION.
LA-3354 9B U 41 08 HC$ 2.00 MF$ 0.75

CRYSTALS, DEFECTS(MATERIALS)
ANELASTIC RELAXATIONS DUE TO POINT DEFECTS IN CRYSTALS.
NYO-2811-21 20B U 41 07 HC$ 3.00 MF$ 0.75

DEFECTS IN CRYSTALS.
NYO-2811-23 20B U 41 07 HC$ 3.00 MF$ 0.75

CRYSTALS, ELASTICITY
TWIST MODULUS FOR A 6-CONSTANT CENTRO-SYMMETRIC CUBIC CRYSTAL.
AD-629 734 20B T 66 08 HC$ 1.00 MF$ 0.50

CRYSTALS, MANUFACTURING METHODS
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XN-47) /U PRODUCTION ENGINEERING MEASURE.
AD-628 337 9A T 66 07 HC$ 2.00 MF$ 0.50

CRYSTALS, SOLID STATE PHYSICS
SOLID STATE RADIATION-INDUCED PHENOMENA.
AD-628 861 20F T 66 07 HC$ 3.00 MF$ 0.75

CRYSTALS, TENSILE PROPERTIES
IRON SINGLE CRYSTAL PREPARATION. PART I. THE PREPARATION OF THE CRYSTALS AND A STUDY OF THEIR MECHANICAL AND ELECTRICAL PROPERTIES AT LOW TEMPERATURES. PART II. SOME EXPERIMENTS ON THE USE OF THE ELECTROTRANSPORT PHENOMENON FOR THE FURTHER PURIFICATION OF ELECTRON BEAM ZONE-REFIN.
NRC-489-PTS-1-2 20L U 41 07 HC$ 3.00 MF$ 0.75

CRYSTALS, THERMAL PROPERTIES
TEMPERATURE FACTORS AND THERMODYNAMIC PROPERTIES OF CRYSTALS.
AD-629 745 20B T 66 08

CRYSTALS, THERMAL RADIATION
ON THE DETECTION OF SECOND SOUND IN CRYSTALS BY LIGHT SCATTERING.
AD-629 175 20A T 66 08

CULICIDAE, INSECT REPELLANTS
FAR INFRARED SPECTRA OF MOSQUITO REPELLENTS.
AD-629 392 6F T 66 08

CULICIDAE, MORPHOLOGY(BIOLOGY)
KEYS TO THE ADULT FEMALE AND LARVAL ANOPHELINE MOSQUITOES OF THE PHILIPPINES.
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75

CULTURE MEDIA, NEISSERIA MENINGITIDIS
THAYER-MARTIN SELECTIVE MEDIUM FOR THE CULTIVATION OF NEISSERIA MENINGITIDIS FROM THE NASOPHARYNX.
AD-628 126 6M T 66 07

CULTURE MEDIA, PSEUDOMONAS
MICROBIAL GROWTH ON C-1 COMPONENTS. SYNTHESIS OF CELL CONSTITUENTS BY METHANEAND METHANOL-GROWN PSEUDOMONAS METHANICA.
AD-628 391 6N T 66 07

CULTURE, LANGUAGE
SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

CULTURE, USSR
PROBLEMS OF MARXIST-LENINIST ESTHETICS AND ESTHETIC EDUCATION.
AD-629 469 5F T 66 08 HC$ 5.00 MF$ 1.00

CUMULONIMBUS CLOUDS, RADAR ECHO AREAS
SPECIAL FEATURES OF THE RADAR CHARACTERISTICS OF THUNDERSTORM CLOUDS.
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50

CUMULUS CLOUDS, RADAR ECHO AREAS
PROPERTIES OF THE RADAR ECHO IN SOUNDING OF CU CLOUDS OF SMALL VERTICAL EXTENT.
AD-629 010 4B T 66 08 HC$ 1.00 MF$ 0.50

CURIUM, PRODUCTION
PRODUCTION OF TRANSPLUTONIUM ELEMENTS AT SAVANNAH RIVER.
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50

CURIUM, SOLVENT EXTRACTION
ISOLATING AMERICIUM AND CURIUM FROM AL(NO3)3-NANO3-NO3 SOLUTIONS BY BATCH EXTRACTION WITH TRIBUTYL PHOSPHATE.
DP-972 7E U 41 08 HC$ 1.00 MF$ 0.50

CYBERNETICS, SYMPOSIA
SOME COMMENTS ON THE ORGANIZATION OF MEN, MACHINES, AND CONCEPTS.
AD-628 141 6D T 66 07 HC$ 1.00 MF$ 0.50

CYCLOALKENES, CHEMICAL EQUILIBRIUM
BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IBRATION STUDIES OF SOME SUBSTITUTED DIBENZO BICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES.
AD-629 547 7C T 66 08

CYCLOALKENES, CHEMICAL REACTIONS
SELECTIVITY OF GROUND-STATE C1 AND TRIPLET-STATE CYCLOPROPYLIDENE IN OLEFIN ADDITION REACTIONS.
AD-629 052 7C T 66 08

CYCLOHEXANES, CHEMICAL ANALYSIS
CONFORMATIONAL ANALYSIS IN MOBILE CYCLOHEXANE SYSTEMS.
AD-628 454 7C T 66 07

CYCLOPROPANES, MOLECULAR ENERGY LEVELS
MONOENERGETIC PHOTOLYTIC REACTIONS.
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

CYCLOPROPANES, SYNTHESIS (CHEMISTRY)
FORMATION OF A CYCLOPROPANE RING FROM AN ALPHA, BETA-UNSATURATED CARBOXYLIC ACID.
AD-628 402 7C T 66 07

CYCLOPROPANES, SYNTHESIS(CHEMISTRY)

TRIMETHYLENECYCLOPROPANE,
AD-629 394 7C T 66 08

CYCLOSTOMATA, PESTICIDES
METHOD FOR CONTROLLING PETROMYZON MARINUS.
PATENT 3,219,521 6F U 41 07

CYCLOTRON RESONANCE PHENOMENA, PLASMA MEDIUM
ION CYCLOTRON RESONANCE HEATING OF AN INHOMOGENEOUS PLASMA COLUMN.
PB-169 192 20I U 41 08 HC$ 2.00 MF$ 0.50

CYCLOTRON RESONANCE PHENOMENA, PLASMA OSCILLATIONS
ECHO PHENOMENA.
AD-629 535 20I T 66 08

CYCLOTRON WAVES, PLASMA MEDIUM
CYCLOTRON WAVES IN A COLLISIONLESS PLASMA.
N66-12532 20I U 41 07 HC$ 1.00 MF$ 0.50

CYCLOTRONS, NAVAL RESEARCH LABORATORIES
THE NRL CYCLOTRON PROGRAM, REPORT OF PROGRESS, SEPTEMBER 1, 1965.
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50

CYLINDRICAL BODIES, BUCKLING(MECHANICS)
QUELQUES NOUVEAUX RESULTATS DE RECHERCHES SUR LE FLAMBAGE DES COQUES CYLINDRIQUES (SOME NEW RESULTS FROM RESEARCH ON THE BUCKLING OF CYLINDRICAL SHELLS),
AD-628 925 20K T 66 08 HC$ 5.60 MF$ 0.50

A NEW SOLUTION OF THE BUCKLING PROBLEM OF THIN CIRCULAR CYLINDRICAL SHELLS HEATED ALONG AN AXIAL STRIP.
AD-629 579 20K T 66 08 HC$ 3.60 MF$ 0.50

AN ANALOG STUDY OF THE THERMAL BUCKLING BEHAVIOR OF THIN CYLINDRICAL SHELLS.
AD-629 580 20K T 66 08 HC$ 3.60 MF$ 0.50

POST-BUCKLING STRENGTH OF A PRESSURIZED CYLINDER,
N66-11245 20K U 41 08 HC$ 1.00 MF$ 0.50

CYLINDRICAL BODIES, FLUID FLOW
ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER,
AD-628 811 20D T 66 07 HC$ 2.60 MF$ 0.50

CYLINDRICAL BODIES, FLUTTER
UNTERSUCHUNGEN UBER DAS FLATTERN EINES DUNNWANDIGEN, KREISRUNDEN ZYLINDERS ENDLICHER LANGE IN UBERSCHALLSTROMUNG (INVESTIGATION IN FLUTTER OF THIN WALL CIRCULAR CYLINDERS OF FINITE LENGTH IN SUPERSONIC STREAMS),
AD-629 625 20D T 66 08

CYLINDRICAL BODIES, LOADING(MECHANICS)
TEST OF A TRUSS-CORE SANDWICH CYLINDER LOADED TO FAILURE IN BENDING.
N66-13021 J20K,U 41 07 HC$ 2.00 MF$ 0.50

CYLINDRICAL BODIES, MECHANICAL WAVES
RESPONSE OF A SUBMERGED CYLINDRICAL SHELL TO AN AXIALLY PROPAGATING STEP WAVE,
AD-628 653 20K T 66 07

CYTOCHEMISTRY, CELL WALL
RESEARCH ON CELL WALL CYTOCHEMISTRY OF SELECTED FUNGI.
AD-628 045 6A T 66 07 HC$ 3.00 MF$ 0.75

CYTOCHEMISTRY, NECROSIS
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE,
AD-628 263 6A T 66 07

CYTOLOGY, KIDNEYS
CELL PROLIFERATION AND DNA SYNTHESIS AFTER UNILATERAL NEPHRECTOMY AS RELATED TO AGE,
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50

CZECHOSLOVAKIA, COMMERCE
CZECHOSLOVAKIA.
PB-169 278 5C U 41 07 HC$ 4.00 MF$ 0.75

DAMPING, AERODYNAMIC CHARACTERISTICS
RESULTS OF THE JPL AERODYNAMIC DAMPING-INPITCH WIND-TUNNEL PROGRAM,
N66-12984 1A U 41 08 HC$ 2.00 MF$ 0.50

DAMPING, STRUCTURES
SOME ASPECTS OF THE ANALYSIS OF DAMPING AND VIBRATIONS IN SIMPLE STRUCTURES.
AD-628 279 13M T 66 07 HC$ 6.00 MF$ 1.25

DAMS, CLIMATOLOGY
NATURAL RESOURCES, CONSERVATION AND TRANSFORMATION OF NATURE (EXPERIENCE GAINED IN DETERMINING THE INFLUENCE OF LARGE RESERVOIRS ON LOCAL CLIMATE),
AD-628 842 8F T 66 07 HC$ 1.00 MF$ 0.50

DAMS, FISHES
HYDRAULIC MODEL STUDIES OF YELLOWTAIL AFTERBAY DAM SPAWNING CHANNEL STILLING BASIN AND DIFFUSER CHAMBER, MISSOURI RIVER BASIN PROJECT, MONTANA,
AD-466 191 13M U 41 07 HC$ 1.00 MF$ 0.50

DATA PROCESSING SYSTEMS, CONTROL SEQUENCES
DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY.
AD-629 346 9B T 66 08 HC$ 2.00 MF$ 0.50

DATA PROCESSING SYSTEMS, ECONOMICS
ECONOMIC DEVELOPMENT PLANNING AND INFORMATION SYSTEMS: A DISCUSSION AND BIBLIOGRAPHY,
AD-628 213 5C T 66 07 HC$ 3.00 MF$ 0.75

DATA PROCESSING SYSTEMS, HISTORY
JOHNNIAC EULOGY,
AD-629 222 9B T 66 08 HC$ 1.00 MF$ 0.50

DATA PROCESSING SYSTEMS, MILITARY REQUIREMENTS
DATA AUTOMATION REQUIREMENT FOR THE STRATEGIC MOBILITY PLANNING AND ANALYSIS SYSTEM (STRATMAS),
AD-628 900 15E T 66 08 HC$ 3.00 MF$ 0.75

DATA PROCESSING SYSTEMS, POLITICAL SCIENCE
SDC DOCUMENTS APPLICABLE TO STATE AND LOCAL GOVERNMENT PROBLEMS.
AD-628 405 5D T 66 07 HC$ 1.00 MF$ 0.50

DATA PROCESSING SYSTEMS, RUSSIAN LANGUAGE
RUSSIAN STENOTYPE EQUIPMENT. VOLUME I. RUSSIAN STENOTYPE SYSTEMS CODES, COMPUTER SYSTEMS, AND TRAINING.
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN STENOTYPE EQUIPMENT. VOLUME II. RUSSIAN STENOTYPE TERMINAL EQUIPMENT AND INPUT MULTIPLEXING.
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50

DATA PROCESSING SYSTEMS, SCIENTIFIC RESEARCH
RESEARCH AND TECHNOLOGY DIVISION REPORT FOR 1965.
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00

DATA PROCESSING SYSTEMS, SEISMOLOGY
AN EXAMPLE OF MAXIMUM-LIKELIHOOD FILTERING OF LASA SEISMOGRAMS.
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50

DATA TRANSMIS SION SYSTEMS, MODULATION
DELTA MODULATION IN FEEDBACK CONTROL SYSTEMS,
AD-629 664 9C T 66 08

DATA TRANSMISSION SYSTEMS, DISPLAY SYSTEMS
DATA DISPLAY STUDY.
AD-457 165 9B U 41 07 HC$ 2.00

DATA TRANSMISSION SYSTEMS, ARMY EQUIPMENT
DATA TRANSMISSION, ERROR CONTROL AND COMMUNICATIONS SECURITY.
AD-629 354 17B T 66 08 HC$ 2.60 MF$ 0.50

DATA TRANSMISSION SYSTEMS, HIGH FREQUENCY
DATA TRANSMISSION INVESTIGATION (SHORT RANGE HF RADIO DATA TRANSMISSION),
AD-628 988 17B T 66 08 HC$ 5.00 MF$ 1.00

DATA TRANSMISSION SYSTEMS, INFORMATION RETRIEVAL
IDEEA NETWORK IMPLEMENTATION, FISCAL YEAR 1965.
AD-629 225 5B T 66 08 HC$ 2.00 MF$ 0.50

DATA TRANSMISSION SYSTEMS, LASERS
PULSE-CODE MODULATION MULTIPLEX TRANSMISSION OVER AN INJECTION LASER TRANSMISSION SYSTEM,
AD-629 503 20E T 66 08

DATA TRANSMISSION SYSTEMS, TELEMETER SYSTEMS
DOUBLE-RECEPTION DISCRETE DATA OPTIMUM CONTINUOUS SIGNAL RECOVERY.
N65-17278 9F U 41 07 HC$ 2.00 MF$ 0.50

DATA, STATISTICAL ANALYSIS
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA.
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

DAWN CHORUS, VERY LOW FREQUENCY
OBSERVATIONS OF WHISTLERS AND VLF EMISSIONS AT GODHAVN AND NARSSARSSUAQ, GREENLAND AND AT TROMSO, NORWAY IN 1963.
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75

DECELERATION, AUTONOMIC NERVOUS SYS TEM
URINARY EXCRETION OF VANILMANDELIC ACID AFTER PLUS 6X IMPACT IN HUMANS,
AD-629 198 6S T 66 08 HC$ 1.00 MF$ 0.50

DECISION MAKING, MANAGEMENT ENGINEERING
A STORAGE AND RETRIEVAL SYSTEM FOR REALTIME PROBLEM SOLVING,
AD-467 454 9B U 41 08 HC$ 3.00 MF$ 0.50

DECISION MAKING, DETECTION
A NOTE ON SOME ALTERNATIVE MODELS FOR RESPONSE BIAS CHANGES DURING FORCED-CHOICE DETECTION EXPERIMENTS.
AD-629 677 5J T 66 08 HC$ 1.60 MF$ 0.50

DECISION MAKING, GAME THEORY
COHERENT BIDDING STRATEGIES AND COMPETITIVE BEHAVIOR,
AD-629 520 12B T 66 08 HC$ 2.60 MF$ 0.50

DECISION MAKING, MAN-MACHINE SYSTEMS
TELLING A COMPUTER HOW TO EVALUATE MULTIDIMENSIONAL SITUATIONS.
AD-628 564 5H T 66 07

DECISION MAKING, PRODUCTION CONTROL
AN EMPIRICAL STUDY OF SCHEDULING DECISION BEHAVIOR.
AD-629 229 5A T 66 08 HC$ 2.00 MF$ 0.50

DECISION MAKING, PSYCHOMETRICS
STUDIES OF THE CONSTANT ERROR.
AD-629 678 5J T 66 08 HC$ 4.60 MF$ 0.50

DECISION MAKING, SOCIAL PSYCHOLOGY

SOME CORRELATES OF THE DON'T-KNOW RESPONSE IN OPINION QUESTIONNAIRES.
AD-629 147 5J T 66 08

DECISION THEORY, OPTIMIZATION
DENUMERABLE STATE MARKOVIAN DECISION PROCESSES: AVERAGE COST CRITERION.
AD-629 375 12A T 66 08 HC$ 2.60 MF$ 0.50

DECISION THEORY, PATTERN RECOGNITION
THE CONSISTENCY OF A NON-PARAMETRIC DECISION PROCEDURE.
AD-628 710 6D T 66 07 HC$ 1.00 MF$ 0.50

DECISION THEORY, STOCHASTIC PROCESSES
ON CONTROL SYSTEM EQUIVALENTS OF SOME DECISION THEORETIC THEOREMS.
AD-628 265 A12B,T 66 07

DECOMPRESSION SICKNESS, STATE-OF -THE-ART REVIEWS
A HISTORICAL REVIEW OF THE BUBBLE THEORY OF THE ETIOLOGY OF DECOMPRESSION SICKNESS AS RELATED TO HIGH ALTITUDE EXPOSURE.
AD-628 751 6E T 66 07 HC$ 2.00 MF$ 0.50

DECOMPRESSION SICKNESS, THERAPY
MINIMAL-RECOMPRESSION, OXYGEN-BREATHING APPROACH TO TREATMENT OF DECOMPRESSION SICKNESS IN DIVERS AND AVIATORS.
AD-628 823 6S T 66 07 HC$ 4.60 MF$ 0.50

DEEP SUBMERGENCE, MODEL TESTS
HYDROSTATIC PRESSURE TESTS OF CYLINDERS FABRICATED FROM HOLLOW-FILAMENT, GLASSREINFORCED PLASTIC.
AD-628 442 20D T 66 07 HC$ 1.00 MF$ 0.50

DEFENSE SYSTEMS, CALIBRATION
A STANDARDS AND CALIBRATION PROGRAM IN A LARGE DEFENSE PLANT.
BOX-613-43 14B U 41 07 HC$ 1.00 MF$ 0.50

DEFICIENCY DISEASES, COPPER
THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY.
AD-629 259 6A T 66 08

DEFOLIANTS, ENVIRONMENTAL TESTS
VEGETATION ANALYSIS OF PRAN BURI DEFOLIATION TEST AREA 1.
AD-629 667 6C T 66 08 HC$ 5.60 MF$ 0.75

DEFORMATION, CRYSTAL LATTICE DEFECTS
THE RECOVERY OF THE ULTRASONIC ATTENUATION IN COPPER SINGLE CRYSTALS FOLLOWING SMALL PLASTIC DEFORMATION.
AD-628 939 20B T 66 08 HC$ 1.25 MF$ 0.50

DISLOCATION STRUCTURES IN CLEAVED MAGNESIUM OXIDE.
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50

DEFORMATION, SOLIDS
THEORETICAL AND EXPERIMENTAL STUDY OF LOW-VELOCITY PENETRATION PHENOMENA.
AD-467 443 20K U 41 08 HC$ 2.00 MF$ 0.50

DEFORMATION, ULTRASONIC RADIATION
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 3. ACOUSTIC SOFTENING AT HIGH STRAIN RATES.
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50

DEHYDRATED FOODS, BINDERS
ALL PURPOSE MATRICES FOR COMPRESSED FOOD BARS.
AD-628 377 6H T 66 07 HC$ 4.00 MF$ 1.00

DEHYDRATED FOODS, PREPARATION
METHOD OF SPRAY DRYING LIQUID FOOD PRODUCTS.
PATENT 3,222,193 6H U 41 08

DEHYDRATED FOODS, STORAGE
INTERRELATIONSHIPS BETWEEN STORAGE STABILITY AND MOISTURE SORPTION PROPERTIES OF DEHYDRATED FOODS.
AD-629 219 6H T 66 08 HC$ 4.00 MF$ 1.00

DEHYDRATION, CEREALS
CONCERNING SOME FEATURES OF WETTING AND DEHYDRATION OF GRAIN.
AD-628 430 6H T 66 07 HC$ 1.00 MF$ 0.50

DELAY CIRCUITS, ACOUSTIC TORPEDOES
TIME DELAY CIRCUITS FOR ECHO CONTROLLED STEERING GEAR.
PATENT 3,221,694 19H U 41 07

DEMODULATORS, FREQUENCY MODULATION
A COMPARISON OF THE THRESHOLD PERFORMANCE OF THE FREQUENCY DEMODULATOR USING FEEDBACK AND THE PHASE LOCKED LOOP.
PB-169 206 9C U 41 07 HC$ 2.00 MF$ 0.50

DEMODULATORS, LIGHT COMMUNICATION SYSTEMS
MICROWAVE OPTICAL RECEIVER TECHNIQUES.
AD-629 242 17B T 66 08 HC$ 2.00 MF$ 0.50

DEMODULATORS, PHOTOELECTRIC EFFECT
COMMUNICATION CHARACTERISTICS OF PHOTOELECTRIC DETECTION.
AD-628 546 9D T 66 07 HC$ 3.00 MF$ 0.75

MAXIMIZATION OF TRANSINFORMATION IN PHOTODETECTION.
AD-628 807 9E T 66 07 HC$ 6.60 MF$ 0.75

PHOTOELECTRON STATISTICS FOR VARIABLE TIME AND BANDWIDTH.
AD-628 808 9D T 66 07 HC$ 5.60 MF$ 0.50

DENMARK, COMMERCE
DENMARK.
PB-169 266 5C U 41 07 HC$ 4.00 MF$ 0.75

DENTISTRY, MEDICAL RESEARCH
ANNUAL PROGRESS REPORT, 1 JULY 1964-30 JUNE 1965.
AD-465 865 6E U 41 07 HC$ 6.00 MF$ 1.25

DENTISTRY, TOXIC TOLERANCES
GLUCOSE TOLERANCE RESPONSES IN YOUNG ADULTS OF SHARPLY CONTRASTING PERIODONTAL STATUS.
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50

DEPARTMENT OF DEFENSE, DECISION MAKING
DOD PROGRAMMING SYSTEM. AN EXPLANATION AND EVALUATION.
AD-628 101 5A T 66 07 HC$16.00 MF$ 1.00

DESCENT TRAJECTORIES, PERTURBATION THEORY
A GUIDANCE SCHEME FOR LUNAR DESCENT BASED ON LINEAR PERTURBATION THEORY.
N66-13229 22C U 41 07 HC$ 2.00 MF$ 0.50

DESOXYRIBONUCLEIC ACIDS, MOLECULAR STRUCTURE
IN VIVO EFFECT OF NALIDIXIC ACID (NEGGRAM) ON THE DNA OF HUMAN DIPLOID CELLS IN TISSUE CULTURE.
AD-628 587 6O T 66 07

DESOXYRIBONUCLEIC ACIDS, SYNTHESIS
SUPPRESSION OF DNA SYNTHESIS IN WEANLING RAT KIDNEYS BY SHORT-TERM FASTING.
AD-628 360 6P T 66 07 HC$ 2.60 MF$ 0.50

CELL PROLIFERATION AND DNA SYNTHESIS AFTER UNILATERAL NEPHRECTOMY AS RELATED TO AGE.
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50

DETECTION, DECISION MAKING
A NOTE ON SOME ALTERNATIVE MODELS FOR RESPONSE BIAS CHANGES DURING FORCED-CHOICE DETECTION EXPERIMENTS.
AD-629 677 5J T 66 08 HC$ 1.60 MF$ 0.50

DETECTION, ELECTROSTATICS
FEASIBILITY OF USING ELECTROSTATIC METHODS TO DETECT MOTION OF HUMAN BEINGS OR OTHER NEARBY OBJECTS.
AD-629 104 17F T 66 08 HC$ 2.00 MF$ 0.50

DETECTION, NUCLEAR EXPLOSIONS
TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS.
AD-629 365 18C T 66 08

DETECTION, PERSONNEL
AURAL DETECTION AND IDENTIFICATION OF THE PRESENCE OF PERSONNEL.
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50

DETECTORS, SEMICONDUCTORS
DETECTOR INVESTIGATION FOR 8-15 AND 100-4000 MICRON REGIONS.
AD-628 870 20L T 66 07 HC$ 3.60 MF$ 0.50

DETERMINANTS, POLYNOMIALS
EVALUATION OF THE DETERMINANTAL POLYNOMIAL OF A MATRIX OF POLYNOMIAL ELEMENTS AND AN APPLICATION TO AMTI RADAR.
AD-628 554 17I T 66 07 HC$ 4.00 MF$ 1.00

DETONATION WAVES, PROPAGATION
DETONATION CHARACTERISTICS OF LOW-DENSITY GRANULAR MATERIALS.
AD-628 989 19D T 66 08 HC$ 1.00 MF$ 0.50

DETONATIONS, CHARGES(EXPLOSIVE)
DETONATION OF CONDENSED EXPLOSIVES WITH LOW CHARGE DENSITIES.
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50

DETONATIONS, ELECTRIC FIELDS
INFLUENCE OF ELECTRICAL FIELDS ON SHOCK OF DETONATION TRANSITION.
AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50

DETONATIONS, IMPACT SHOCK
CONTRIBUTION TO THE STUDY OF THE INITIATION OF DETONATION PRODUCED BY IMPACT ON AN EXPLOSIVE.
AD-628 984 19D T 66 08 HC$ 4.00 MF$ 1.00

DETONATIONS, PHOTOGRAPHIC ANALYSIS
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS.
AD-628 915 19D T 66 08 HC$ 1.10 MF$ 0.50

DEUTERIUM, HYPERFINE STRUCTURE
HYPERFINE SEPARATION OF DEUTERIUM.
AD-628 465 7D T 66 07

DEUTERIUM, SOLAR ATMOSPHERE
A HIGH ALTITUDE MEASUREMENT TO DETERMINE THE RATIO OF DEUTERIUM TO HYDROGEN IN THE SOLAR ATMOSPHERE.
N66-12863 3B U 41 08 HC$ 1.00 MF$ 0.50

DEUTERON BEAMS, PLASMA MEDIUM
PLASMA DENSITY BY ION BEAM PROBING; DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

DEUTERON BOMBARDMENT, NUCLEAR REACTIONS
SPECTROSCOPIC FACTORS FROM DEUTERON STRIPPING REACTIONS LEADING TO GROUND AND FIRST EXCITED STATES OF EVEN SPHERICAL NUCLEI.
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50

DIAMINE OXIDASE, DEFICIENCY DISEASES
THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY.
AD-629 259 6A T 66 08

DIAMONDS, BAND THEORY OF SOLIDS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

DIAMONDS, THERMAL EXPANSION
METHOD OF MEASURING THE TEMPERATURE OF OBJECTS OF DIFFICULT ACCESS AT TIME OF OPERATION.
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50

DIAPHRAMS(MECHANICS), SHEETS
TECHNIQUE FOR FORMING PRESSURE WINDOWS FROM THIN METAL SHEETS.
AD-628 877 13H T 66 07

DIATOMIC MOLECULES, MOLECULAR ORBITALS
PICTORIAL STUDIES OF MOLECULES. I. MOLECULAR ORBITAL DENSITY COMPARISONS OF H 2, LI 2, B 2, C 2, N 2, O 2, AND F 2.
ANL-7076 20H U 41 08 HC$ 3.00 MF$ 0.75

DIATOMIC MOLECULES, MOLECULAR ENERGY LEVELS
VALIDITY OF THE JARMAIN-SANDEMAN SERIES FOR CALCULATING POTENTIAL CURVES OF DIATOMIC MOLECULES.
AD-628 660 7D T 66 07

DICTIONARIES, AERONAUTICS
DICTIONARY OF TECHNICAL TERMS FOR AEROSPACE.
N66-10413 1B U 41 07 HC$ 3.00 MF$ 1.75

DIELECTRIC FILMS, DEPOSITION
THE PERFORMANCE OF SIO SOURCE (NAFI IF-1008) IN SINGLE-CHAMBER VACUUM SYSTEMS.
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50

DIELECTRIC FILMS, POLYESTER PLASTICS
PRODUCTION ENGINEERING MEASURE POLYCARBONATE PLASTIC FILM.
AD-629 733 11I T 66 08 HC$ 1.00 MF$ 0.50

DIELECTRIC FILMS, SOLAR RADIATION
INVESTIGATION OF THIN DIELECTRIC FILMS FOR ENERGY CONVERSION.
N66-10613 10A U 41 08 HC$ 4.00 MF$ 1.00

DIELECTRIC PROPERTIES, POLYMERIZATION
THE EFFECT OF DIELECTRIC CONSTANT ON THE RATE OF ANIONIC POLYMERIZATION.
AD-629 742 7C T 66 08

DIELECTRIC PROPERTIES, PRESSURE
PRESSURE DEPENDENCE OF THE DIELECTRIC CONSTANT OF STRONTIUM TITANATE.
AD-628 606 20L T 66 07

DIELECTRICS, CYLINDRICAL BODIES
EQUIVALENCE RELATIONS FOR ECHO AREAS OF DIELECTRIC SOLID CYLINDERS AND CYLINDRICAL SHELLS.
AD-629 267 20L T 66 08

DIELECTRICS, SPECTRA(INFRARED)
TEMPERATURE DEPENDENCE OF THE INFRARED SPECTRA OF SELECTED DIELECTRICS II.
AD-628 793 20L T 66 07 HC$ 2.60 MF$ 0.50

DIET, SURVIVAL
AMELIORATIVE MEASURES IN FASTING, SUBARCTIC SURVIVAL SITUATIONS.
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50

A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

DIFFERENCE EQUATIONS, PROTONS
ON FREQUENCY DISCRETIZATION AND CONSERVA- TIVE DIFFERENCE EQUATIONS FOR RADIATIVE TRANSFER.
LA-3401 12A U 41 07 HC$ 1.00 MF$ 0.50

DIFFERENTIAL EQUATIONS, ASYMPTOTIC SERIES
ERROR BOUNDS FOR ASYMPTOTIC SOLUTIONS OF SECOND-ORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF ARBITRARY RANK.
AD-628 663 12A T 66 07

ON THE ASYMPTOTIC SOLUTIONS OF SECONDORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF RANK ONE, WITH AN APPLICATION TO WHITTAKER FUNCTIONS.
AD-628 665 12A T 66 07

DIFFERENTIAL EQUATIONS, FILTERS (ELECTROMAGNETIC WAVE)
SOME APPLICATIONS OF STOCHASTIC DIFFERENTIAL EQUATIONS TO OPTIMAL NONLINEAR FILTERING.
AD-629 271 12B T 66 08

DIFFERENTIAL EQUATIONS, FUNCTIONAL ANALYSIS
UNBOUNDED SOLUTIONS OF A SECOND-ORDER DIFFERENTIAL EQUATION WITH NON-NEGATIVE DAMPING.
AD-629 270 12A T 66 08

SUFFICIENT CONDITIONS FOR STABILITY AND INSTABILITY OF AUTONOMOUS FUNCTIONAL-DIFFERENTIAL EQUATIONS.
AD-629 446 12A T 66 08

DIFFERENTIAL EQUATIONS, INTEGRATION
NUMERICAL INTEGRATION OF FIRST-ORDER STIFF DIFFERENTIAL EQUATIONS.
AD-628 091 12A T 66 07 HC$ 1.00 MF$ 0.50

THE SINGULARITIES OF INTEGRABLE STRUCTURALLY STABLE PFAFFIAN FORMS.
AD-628 425 12A T 66 07

DIFFERENTIAL EQUATIONS, NUMBERS
ON THE ZEROS OF SOLUTIONS OF N-TH ORDER LINEAR DIFFERENTIAL EQUATIONS.
AD-628 412 12A T 66 07

DIFFEPENTIAL EQUATION, NUMERICAL ANALYSIS
INVARIANT IMBEDDING AND THE SOLUTION OF DIFFUSION EQUATIONS.
AD-629 169 20M T 66 08 HC$ 1.60 MF$ 0.50

DIFFERENTIAL GEOMETRY, CONTROL SYSTEMS
ON GENERALIZED DYNAMICAL SYSTEMS DEFINED BY CONTINGENT EQUATIONS.
AD-628 719 12B T 66 07

DIFFRACTION GRATINGS, RESONANCE
SEMI-INFINITE DIFFRACTION GRATINGS. II. INWARD RESONANCE.
AD-628 647 20F T 66 07

DIFFUSERS, DAMS
HYDRAULIC MODEL STUDIES OF YELLOWTAIL AFTERBAY DAM SPAWNING CHANNEL STILLING BASIN AND DIFFUSER CHAMBER, MISSOURI RIVER BASIN PROJECT, MONTANA.
AD-466 191 13M U 41 07 HC$ 1.00 MF$ 0.50

DIFFUSION BONDING, FILMS
WELDING OF POLYMER FILMS.
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

DIFFUSION PUMPS, BAFFLES
DIFFUSION PUMP BAFFLE STUDY.
AD-451 427 13K U 41 08 HC$ 7.60

DIFFUSION, CERAMIC MATERIALS
DIFFUSION OF OXYGEN IN MAGNESIUM OXIDE.
AD-629 481 20B T 66 08 HC$ 5.00 MF$ 1.00

DIFFUSION, ELECTROLYTIC CELLS
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION.
N66-12870 10C U 41 08 HC$ 2.00 MF$ 0.50

DIFFUSION, MAGNETOHYDRODYNAMICS
DIFFUSION OF A FULLY IONIZED PLASMA ACROSS A MAGNETIC FIELD.
AD-628 968 20I T 66 08 HC$ 1.00 MF$ 0.50

DIFFUSION, MATHEMATICAL MODELS
A PARTICULATE DIFFUSION EXPERIMENT.
AD-628 609 4B T 66 07

DIFFUSION, MONTE CARLO METHOD
HAGER III AND HAGER IV: TWO MONTE CARLO COMPUTER PROGRAMS FOR THE STUDY OF SPATIAL DIFFUSION PROBLEMS.
AD-628 611 9B T 66 07 HC$ 4.60 MF$ 0.50

DIFFUSION, NUCLEAR ENGINEERING
ATOMIC TRANSPORT PROBLEMS OF INTEREST IN NUCLEAR SYSTEMS.
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50

DIFFUSION, PARTIAL DIFFERENTIAL EQUATIONS
RESOLUTION DE L'EQUATION DE DIFFUSION (DEUX DIMENSIONS, PLUSIEURS REGIONS, CONTOURS QUELCONQUES) (SOLUTION OF THE DIFFUSION EQUATION (2 DIMENSIONS, SEVERAL MEDIA, ARBITRARY BOUNDARY)).
PB-169 225 18K U 41 08 HC$ 4.00 MF$ 0.75

DIFFUSION, TURBULENCE
DISPERSION OF PARTICLE PAIRS IN HOMOGENEOUS TURBULENCE.
AD-628 541 20D T 66 07 HC$ 1.00 MF$ 0.50

DIGITAL COMPUTERS, CONTROL SEQUENCES
DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY.
AD-629 346 9B T 66 08 HC$ 2.00 MF$ 0.50

DIGITAL COMPUTERS, OPERATION
AN OPERATING SYSTEM FOR THE LINC COMPUTER.
AD-628 780 9B T 66 07 HC$16.10 MF$ 1.00

DIGITAL COMPUTERS, SIMULATION
DIGITAL SIMULATION OF NOISE IN ANALOGUE SYSTEMS.
AD-628 819 9B T 66 07 HC$ 1.60 MF$ 0.50

DIGITAL COMPUTERS, TIME-INTERVAL COUNTERS
ELECTRONIC DIGITAL COMPUTER ELAPSED PROCESSING TIME METER.
PATENT 3,221,489 9B U 41 07

DIGITAL COMPUTERS, USSR
INSTRUCTION SYSTEM AND PROGRAMMING FOR THE BESM-2.
AD-628 507 9B T 66 07 HC$41.20 MF$ 2.00

DIGITAL SYSTEMS, SPECTRUM ANALYZERS
DIGITAL SIMULATION OF A DIGITAL SPECTRUM ANALYZER.
AD-629 387 14B T 66 08 HC$ 2.00 MF$ 0.50

DILECTRIC PROPERTIES, ALCOHOLS
DIELECTRIC CONSTANT OF HYDROGEN-BONDED LIQUIDS. IV. EQUILIBRIUM AND RELAXATION STUDIES OF HOMOLOGOUS NEO-ALCOHOLS.
AD-628 410 7D T 66 07

DIODES (SEMICONDUCTOR), USSR
TRANSISTORS AND SEMICONDUCTOR DIODES.
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00

DIODES(SEMICONDUCTOR), POWER AMPLIFIERS
HIGH SPEED POWER AMPLIFIER USING AN ELECTRON SWITCHED P-N JUNCTION.
AD-628 858 9E T 66 07 HC$ 1.60 MF$ 0.50

DIODES, MIXERS(ELECTRONIC)
STUDY OF RECEIVER MIXER CHARACTERISTICS.
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50

DIPOLE ANTENNAS, ELECTROMAGNETIC FIELDS
THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS - PART II.
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50

DIPOLE ANTENNAS, FIELD THEORY
THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS. PART III.
AD-629 620 9E T 66 08 HC$ 1.60 MF$ 0.50

DIPOLE ANTENNAS, VERY LOW FREQUENCY
BROAD-BAND VLF TRANSMITTING TERMINATED DIPOLE,
AD-629 353 9E T 66 08 HC$ 1.00 MF$ 0.50

DIPOLE MOMENTS, QUANTUM MECHANICS
ON THE BOUND STATES OF AN ELECTRON IN THE FIELD OF A PERMANENT ELECTRIC DIPOLE,
ORNL-3895 20H U 41 08 HC$ 3.00 MF$ 0.50

DIPOLE MOMENTS, SILANES
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE.
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

DISEASE VECTORS, CULICIDAE
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, R. P. II. A COMPREHENSIVE MOSQUITO SURVEY.
AD-628 105 6F T 66 07 HC$14.60 MF$ 1.00

DISEASE VECTORS, FILARIAE
EPIZOOTIOLOGIC STUDIES ON FILARIOIDS OF THE RACCOON,
AD-628 476 6C T 66 07

DISEASE VECTORS, INDEXES
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE, VOLUME 5, NO. 2,
AD-629 374 6C T 66 08 HC$ 1.00 MF$ 0.50

DISEASE VECTORS, PHILIPPINES
KEYS TO THE ADULT FEMALE AND LARVAL ANOPHELINE MOSQUITOES OF THE PHILIPPINES.
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75

DISEASE VECTORS, SCHISTOSOMA
ZOOPHILIC SCHISTOSOMIASIS WITH A REPORT OF A NEW LOCALITY ON TAIWAN.
AD-629 099 6C T 66 08

DISEASES, MICROORGANISMS
CBE FACTORS: MONTHLY SURVEY NO. 1,
AD-628 294 6F T 66 07 HC$ 3.00 MF$ 0.75

DISPLAY SYSTEMS, CATHODE RAY TUBES
RANDOM ACCESS LIGHT VALVE STUDY.
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75

DISPLAY SYSTEMS, DATA TRANSMISSION SYSTEMS
DATA DISPLAY STUDY.
AD-457 165 9B U 41 07 HC$ 2.00

DISPLAY SYSTEMS, ELECTRONIC EQUIPMENT
LARGE-AREA ELECTRONIC DISPLAY PANEL,
AD-294 845 9A U 41 08 HC$ 4.00

DISPLAY SYSTEMS, ELECTRONIC SWITCHES
RANDOM ACCESS CONTROL OF ELECTROLUMINESCENT ELEMENTS.
AD-628 886 9C T 66 08 HC$ 7.60 MF$ 0.75

DISPLAY SYSTEMS, HUMAN ENGINEERING
COLOR CODING IN FORMATTED DISPLAYS,
AD-628 624 5J T 66 07

DISPLAY SYSTEMS, PHOSPHORESCENT MATERIALS
IMPROVED PULSED PHOSPHORS.
AD-629 162 20C T 66 08 HC$ 4.00 MF$ 0.75

DISSOCIATION, ENERGY
AN EMPIRICAL METHOD FOR THE ESTIMATION OF BOND DISSOCIATION ENERGIES,
AD-629 027 7D T 66 08

DISSOCIATION, HYDROGEN
LIFETIME STUDIES OF THE RADIATIVE DISSOCIATION OF EXCITED H2,
AD-628 348 7D T 66 07

DISSOCIATION, HYPERSONIC FLOW
DISSOCIATION EFFECTS ON THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN A HIGH MACH NUMBER AND LOW REYNOLDS NUMBER HYPERSONIC FLOW.
AD-628 142 20D T 66 07

DISTANCE-MEASURING EQUIPMENT, ELECTROOPTICS
COMPARISON TESTS OF ELECTRO-OPTICAL AND MICROWAVE DISTANCE MEASURING INSTRUMENTS,
PB-169 333 14B U 41 08 HC$ 2.60 MF$ 0.50

DISTRIBUTION FUNCTIONS, PROBABILITY
ERRORS IN THE MEASUREMENT OF THE PROBABILITY DENSITY FUNCTION.
AD-628 725 9D T 66 07 HC$ 3.00 MF$ 0.75

DISTRIBUTION THEORY, COMBINATORIAL ANALYSIS
EXACT DISTRIBUTION OF THE SUM OF INDEPENDENT IDENTICALLY DISTRIBUTED DISCRETE RANDOM VARIABLES,
AD-628 654 12A T 66 07

DISTRIBUTION THEORY, ELECTRICAL NETWORKS
DISTRIBUTION THEORY AS THE BASIS OF GENERALIZED PASSIVE-NETWORK ANALYSIS.
AD-629 339 9E T 66 08

DISTRIBUTION THEORY, INTEGRAL TRANSFORMS
A DISTRIBUTIONAL K TRANSFORMATION WITH APPLICATIONS TO TIME-VARYING ELECTRICAL NETWORKS.
AD-629 060 12A T 66 08 HC$ 2.00 MF$ 0.50

DIVERSITY RECEPTION, COMMUNICATION SYSTEMS
MAXIMAL-RATIO DIVERSITY COMBINERS.
AD-628 993 17B T 66 08 HC$ 3.00 MF$ 0.50

DOCUMENTATION, PERIODICALS
A SERIALS DATA PROGRAM FOR SCIENCE AND TECHNOLOGY. RESULTS OF A FEASIBILITY STUDY.
PB-169 405 5B U 41 08 HC$ 5.00 MF$ 1.00

DOCUMENTATION, AUTOMATION
A TAGGING SYSTEM FOR JOURNAL ARTICLES AND OTHER CITABLE ITEMS: A STATUS REPORT.
PB-169 211 5B U 41 07 HC$ 6.00 MF$ 1.50

DOCUMENTATION, INSTRUMENTATION
GUIDE TO INSTRUMENTATION LITERATURE,
C13.10-271 14B U 41 08 MF$ 1.25

DOCUMENTATION, LANGUAGE
'USE' AND MENTION IN THE INFORMATION SCIENCES,
AD-629 367 5B T 66 08

DOPPLER EFFECT, ATMOSPHERIC SOUNDING
AN ATLAS OF SOLAR FLARE EFFECTS IN THE IONOSPHERE OBSERVED WITH A HIGH-FREQUENCY DOPPLER TECHNIQUE, SEPTEMBER 1960DECEMBER 1962,
C13.46:326 4A U 41 08 MF$ 0.75

DOPPLER EFFECT, IONOSPHERE
EFFECTS OF PRONOUNCED ELECTRON-CONTENT VARIATIONS ON DOPPLER SHIFT AT LOW ELEVATIONS,
AD-628 603 20N T 66 07

DOPPLER EFFECT, RADIOSONDES
THE COORDINATE-DOPPLER METHOD OF WIND OBSERVATION.
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50

DOPPLER RADAR, FREQUENCY STABILIZERS
SHORT-TERM FREQUENCY STABILITY.
N66-10381 - N66-10407 17I U 41 07 HC$ 1.75 MF$ 1.50

DOPPLER SYSTEMS, SATELLITE TRACKING SYSTEMS
RADIO DOPPLER METHOD OF USING SATELLITES FOR GEODESY, NAVIGATION AND GEOPHYSICS WITHIN THE PLANETARY SYSTEM,
PB-169 236 17G U 41 07 HC$ 3.00 MF$ 0.75

DOSIMETERS, BROMINE COMPOUNDS
REPORT OF NRL PROGRESS.
PB-168 622 14B U 41 07 HC$ 1.25 MF$ 0.50

DOSIMETERS, RADIOGRAPHIC FILM
ARRESTING LATENT-IMAGE FADING IN DOSIMETRIC FILMS.
AD-628 601 14E T 66 07

DOSIMETERS, SEMICONDUCTOR DEVICES
DESIGN CRITERIA FOR WIDE RANGE GAMMA RADIACS USING SEMICONDUCTOR DIODE DETECTORS,
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50

DOSIMETERS, SENSITIVITY
DEVELOPMENT OF A HIGH-SENSITIVITY FAST NEUTRON DOSIMETER.
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50

DOSIMETERS, TESTS
EVALUATION OF MILITARY RADIAC EQUIPMENT,
AD-629 545 18D T 66 08 HC$ 8.60 MF$ 0.75

DRAG, BODIES OF REVOLUTION
DRAG CHARACTERISTICS OF A SERIES OF LOW-DRAG BODIES OF REVOLUTION AT MACH NUMBERS FROM 0.6 TO 4.0.
N66-13236 20D U 41 07 HC$ 2.00 MF$ 0.50

DRAG, INHIBITION
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART I. MECHANISM OF DRAG REDUCTION.
AD-628 685 20D T 66 07 HC$ 3.00 MF$ 0.75

DROSOPHILA, RADIATION EFFECTS
MUTATION RATES AT SPECIFIC AUTOSOMAL LOCI IN DIFFERENT SPECIES OF DROSOPHILA.
TID-21601 6C U 41 08 HC$ 1.00 MF$ 0.50

DROWNING, PATHOLOGY
ULTRASTRUCTURAL ALTERATIONS IN RAT LUNGS. CHANGES AFTER INTRATRACHEAL PERFUSION WITH FRESHWATER AND SEAWATER,
AD-629 345 6E T 66 08

DRY CELLS, ELECTROLYTES
THIN-FILM RECHARGEABLE SOLID-ELECTROLYTE BATTERIES,
AD-629 501 10C T 66 08

DRY CELLS, MANUFACTURING METHODS
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-628 575 10C T 66 07 HC$ 2.60 MF$ 0.50

DUCTED FANS, PERFORMANCE(ENGINEERING)
PERFORMANCE CHARACTERISTICS OF A 4-FOOT-DIAMETER DUCTED FAN AT ZERO ANGLE OF ATTACK FOR SEVERAL FAN BLADE ANGLES,
N66-12140 1A U 41 08 HC$ 1.00 MF$ 0.50

DUPLEXERS(ELECTRONIC), GAS DISCHARGES
INVESTIGATION OF HIGH POWER GASEOUS ELECTRONICS.
AD-629 537 20I T 66 08 HC$ 3.00 MF$ 0.75

DUPLEXERS, FERROMAGNETIC MATERIALS
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND

EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-628 769 9E T 66 07 HC$ 2.60 MF$ 0.50

DUST, ARTILLERY FIRE
ARTILLERY WEAPON DUST ALLEVIATION TESTS.
AD-628 731 15G T 66 07 HC$ 5.60 MF$ 0.50

DUST, HAZARDS
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM,
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

DYNAMIC PROGRAMMING, DECISION MAKING
DENUMERABLE STATE MARKOVIAN DECISION PROCESSES: AVERAGE COST CRITERION.
AD-629 375 12A T 66 08 HC$ 2.60 MF$ 0.50

DYNAMICS, FAILURE(ELECTRONICS)
DYNAMIC RESPONSE, ENERGY METHODS, AND TEST CORRELATION OF FLIGHT VEHICLE EQUIPMENTS.
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00

DYNAMICS, MATERIALS
SONIC AND ULTRASONIC OSCILLATIONS DURING DYNAMIC TESTS OF MATERIALS,
AD-628 307 20K T 66 07 HC$21.60 MF$ 1.25

DYSPROSIUM, MOSSBAUER EFFECT
MOSSBAUER EFFECT IN DY161 IN METALLIC DYSPROSIUM, DYFE2, AND DYAL2,
AD-629 236 20H T 66 08

EARTHQUAKES, OHIO
EARTHQUAKE HISTORY OF OHIO,
AD-629 073 8K T 66 08

EARTHQUAKES, SEISMIC WAVES
THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963.
AD-472 354 8K U 41 07 HC$ 3.00 MF$ 0.75

EARTH(PLANET), ELECTRICAL PROPERTIES
RESULTS OF DEEP RESISTIVITY MEASUREMENTS IN SIX PRECAMBRIAN AREAS OF THE WESTERN U. S.
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50

EASTERN EUROPE, DIRECTORIES
GUIDE FOR THE TALLIN RESIDENT,
AD-628 418 8F T 66 07 HC$ 2.00 MF$ 0.50

ECHINODERMATA, INGESTION(PHYSIOLOGY)
FEEDING BIOLOGY OF THE SEA-STAR LUIDIA SARSI DUBEN AND KOREN,
AD-628 592 8A T 66 07

ECHO RANGING, BIONICS
EXPERIMENTAL STUDIES ON TARGET DETECTION, EVALUATION AND INTERCEPTION BY ECHOLOCATING BATS.
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75

ECOLOGY, PLANTS(BOTANY)
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. III. VEGETATION OF NEOTOMA.
TID-21515 6F U 41 08 HC$ 4.00 MF$ 1.25

ECOLOGY, BRITISH GUIANA
ON TERMITARIA IN A SAVANNA ECOSYSTEM BRITISH GUIANA.
AD-629 401 6C T 66 08

ECOLOGY, PLANKTON
MIGRANT SOUND SCATTERERS: INTERACTION WITH THE SEA FLOOR,
AD-628 965 8A T 66 08

ECOLOGY, TRACER STUDIES
CESIUM 131 TRACER FOR YIELD DETERMINATION IN CESIUM RADIOCHEMISTRY.
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50

ECONOMIC GEOLOGY, COAL
THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME I.
PB-169 315 5C U 41 07 HC$ 8.00 MF$ 2.25

THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME II. APPENDICES.
PB-169 316 5C U 41 07 HC$ 7.00 MF$ 1.75

ECONOMICS, COAL
THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME I.
PB-169 315 5C U 41 07 HC$ 8.00 MF$ 2.25

THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME II. APPENDICES.
PB-169 316 5C U 41 07 HC$ 7.00 MF$ 1.75

ECONOMICS, COMMUNICATION SAT ELLITES(ACTIVE)
ROUTING AND ECONOMIC PRINCIPLES OF MULTIPLE ACCESS SATELLITE COMMUNICATION,
N66-13010 17B U 41 08 HC$ 4.00 MF$ 0.75

ECONOMICS, DISARMAMENT
COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH.
PB-169 397 5C U 41 08 HC$ 3.00 MF$ 0.50

PB-169 398 5C U 41 08 HC$ 6.00 MF$ 1.50

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX I. DESCRIPTION OF ARMS REDUCTION ASSUMPTIONS AND IMPACT OF DEFENSE DEPARTMENT EXPENDITURES ON NATIONAL AND THREE METROPOLITAN AREAS. APPENDIX II. SURVEY METHODOLOGY AND TABULATED RESULTS. APPENDIX III. TABULAR REVIEW OF SELECTED PAST COMMUNITY ECONOMIC READJUSTMENT EXPERIENCES.
PB-169 399 5C U 41 08 HC$ 4.00 MF$ 1.00

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX IV. MONOGRAPH: BALTIMORE STANDARD METROPOLITAN STATISTICAL AREA AND HARFORD COUNTY.
PB-169 400 5E U 41 08 HC$ 3.00 MF$ 0.75

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA BALTIMORE AND NEW LONDONGROTON-NORWICH. APPENDIX IV. MONOGRAPH: NEW LONDON-GROTON-NORWICH STANDARD METROPOLITAN STATISTICAL AREAS.
PB-169 401 5C U 41 08 HC$ 2.00 MF$ 0.50

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX IV. MONOGRAPH: SEATTLE-TACOMA STANDARD METROPOLITAN STATISTICAL AREAS.
PB-169 402 5C U 41 08 HC$ 3.00 MF$ 0.75

ECONOMICS, EUROPE
THE COMMON MARKET AND EUROPEAN UNIFICATION,
AD-629 133 5C T 66 08 HC$ 4.00 MF$ 0.75

ECONOMICS, FLORIDA
ANALYSIS OF SELECTED SERVICE TRADES IN THE CAPE KENNEDY AREA.
N66-11756 5C U 41 08 HC$ 2.00 MF$ 0.50

ECONOMICS, LABOR
FULL EMPLOYMENT POLICY AND ECONOMIC GROWTH,
AD-628 201 5C T 66 07 HC$ 2.60 MF$ 0.50

ECONOMICS, MANAGEMENT PLANNING
ECONOMIC DEVELOPMENT PLANNING AND INFORMATION SYSTEMS: A DISCUSSION AND BIBLIOGRAPHY,
AD-628 213 5C T 66 07 HC$ 3.00 MF$ 0.75

ECONOMICS, RELIABILITY
AN ANALYSIS OF THE ECONOMIC RISK OF THE EXPONENTIAL ASSUMPTION IN RELIABILITY TESTING.
AD-628 102 14D T 66 07 HC$ 8.60 MF$ 0.75

ECONOMICS, THEORY
MEASURABLE, TRANSFERABLE, COMPARABLE UTILITY AND MONEY,
AD-628 785 5C T 66 07 HC$ 2.00 MF$ 0.50

ECONOMICS, USSR
DEVELOPMENT OF PRODUCTIVE CAPACITY IN ECONOMIC REGIONS OF THE USSR (INTEGRATED EXPLOITATION OF NATURAL RESOURCES IN THE NORTHERN PART OF THE OB' BASIN),
AD-628 843 8F T 66 07 HC$ 1.00 MF$ 0.50

EDEMA, CHEMOTHERAPEUTIC AGENTS
RESEARCH ON THERAPY OF PULMONARY EDEMA ASSOCIATED WITH OXIDIZERS.
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50

EIRE, COMMERCE
IRISH REPUBLIC.
PB-169 259 5C U 41 07 HC$ 6.00 MF$ 1.25

ELASTIC SCATTERING, GASES
MULTIPLE ELASTIC INTRAMOLECULAR SCATTERING IN GAS ELECTRON DIFFRACTION,
AD-629 024 7D T 66 08

ELASTIC SCATTERING, PIONS
ELASTIC SCATTERING OF NEGATIVE PIONS BY PROTONS AT 903 MEV.
NYO-2262-86 20H U 41 07 HC$ 3.00 MF$ 0.75

ELASTIC SHELLS, STABILITY
STABILITY OF ELASTIC SYSTEMS,
AD-628 508 20K T 66 07 HC$13.45 MF$ 4.00

ELASTIC SHELLS, THEORY
APPLIED MATHEMATICS AND MECHANICS (SELECTED ARTICLES).
AD-629 416 20D T 66 08 HC$ 4.60 MF$ 0.50

ELASTIC SHELLS, VIBRATION
TRANSIENT VIBRATION OF THIN ELASTIC SHELLS,
AD-628 623 20K T 66 07

VIBRATION OF THIN SHELLS UNDER INITIAL STRESS,
AD-628 736 20K T 66 07

ELASTICITY, MATHEMATICAL ANALYSIS
ELASTIC CENTERS OF STRAIN AND DISLOCATIONS,
AD-628 116 20L T 66 07 HC$ 1.60 MF$ 0.50

ELASTICITY, STABILITY
STABILITY OF ELASTIC SYSTEMS,
AD-628 508 20K T 66 07 HC$13.45 MF$ 4.00

ELASTICITY, THERMAL PROPERTIES
THERMOELASTICITY WHEN THE MATERIAL COUPLING PARAMETER EQUALS UNITY,
AD-628 258 20K T 66 07

ELEC TRONIC EQUIPMENT, INVENTORY CONTROL
A STUDY OF MILITARY ELECTRONIC AND ELECTRO- MECHANICAL SPECIFICATION PART IDENTIFICATION REQUIREMENTS.
AD-629 544 15E T 66 08 HC$ 3.00 MF$ 0.75

ELECTRIC PROPULSION, SPACECRAFT
SOLAR-POWERED ELECTRIC PROPULSION SPACECRAFT.
N66-13000 21C U 41 08 HC$ 4.00 MF$ 1.00

ELECTRIC ARCS, ELECTRODES
AN ANODE COMPARISON STUDY IN A WALL-STABILIZED ARGON ARC.
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75

ELECTRIC ARCS, GAS FLOW
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

ELECTRIC CONNECTORS, INTEGRATED CIRCUITS
RESEARCH AND DEVELOPMENT LOW COST INTEGRATED CIRCUIT TECHNIQUES.
AD-628 618 9A T 66 07 HC$ 7.60 MF$ 0.75

ELECTRIC CONNECTORS, METAL FILMS
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

ELECTRIC CONNECTORS, MINIATURIZATION(ELECTRONICS)
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 225 9A T 66 07 HC$23.80 MF$ 1.25

ELECTRIC DISCHARGES, WAVEGUIDE WINDOWS
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-408 398 9A U 41 07 HC$ 3.00

AD-421 001 9A U 41 07 HC$ 2.00

ELECTRIC DISCHARGES, WAVEGUIDE WINDOWS
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-427 895 9A U 41 07 HC$ 3.00

AD-437 141 9A U 41 07 HC$ 3.00

ELECTRIC FIELDS, DETONATIONS
INFLUENCE OF ELECTRICAL FIELDS ON SHOCK OF DETONATION TRANSITION.
AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50

ELECTRIC FIELDS, ELECTRONS
BLOCH ELECTRONS IN EXTERNAL ELECTRIC AND AGNETIC FIELDS,
AD-629 182 20C T 66 08

ELECTRIC FIELDS, EXCITATION
INFLUENCE OF MULTIPLE VIRTUAL TRANSITIONS ON THE REORIENTATION EFFECT IN COULOMB EXCITATION,
AD-628 650 20H T 66 07

ELECTRIC FIELDS, MEASURING DEVICES(ELECTRICAL + ELECTRONIC)
THE DEVELOPMENT OF AN ELECTRIC FIELD METER TO MEASURE SMALL VARIATIONS IN THE EARTH'S FIELD,
AD-628 369 14B T 66 07 HC$ 3.00 MF$ 0.50

ELECTRIC FIELDS, PLASMA MEDIUM
STUDY OF TRANSIENT PHENOMENA IN LOW PRESSURE GAS DISCHARGE PLASMAS.
AD-629 496 20I T 66 08 HC$ 2.60 MF$ 0.50

ELECTRIC FIELDS, SEMICONDUCTORS
OPTICAL ABSORPTION IN AN ELECTRIC FIELD IN SEMI-INSULATING GALLIUM ARSENIDE,
AD-629 150 20L T 66 08

ELECTRIC INSULATION, MAGNETIC PROPERTIES
MAGNETIC PROPERTIES OF INSULATORS.
IITRI-1184-15 20C U 41 07 HC$ 2.00 MF$ 0.50

ELECTRIC INSULATION, PERFORMANCE (ENGINEERING)
ENGINEERING SERVICES IN CONNECTION WITH TEST OF EXISTING OPEN AND CLOSED TYPE GUY INSULATORS AND A FEASIBILITY STUDY OF IMPROVED DESIGNS FOR HIGH STRENGTH ALUMOWELD CABLES.
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50

ELECTRIC POWER PRODUCTION, COSTS
ESTIMATES OF ELECTRICITY SALES BY UTILITIES, BY COUNTY AND CLASS OF SERVICE, OKLAHOMA, 1950 AND 1960,
N66-11744 13B U 41 08 HC$ 3.00 MF$ 0.50

ELECTRIC POWER PRODUCTION, ECONOMICS
IS THE MARBLE CANYON PROJECT ECONOMICALLY JUSTIFIED,
AD-629 447 10B T 66 08 HC$ 2.60 MF$ 0.50

ELECTRIC POWER PRODUCTION, MATHE MATICAL PREDICTION
WEATHER AND LOAD PATTERN CORRELATION STUDY TO DEVELOP A METHOD OF SHORT-RANGE LOAD FORECASTING BASED ON WEATHER AND LOAD DATA,
PB-169 380 9C U 41 08 HC$ 3.00 MF$ 0.75

ELECTRIC PROPULSION, INTERPLANETARY TRAJECTORIES
ELECTRICALLY-PROPELLED CARGO VEHICLE FOR SUSTAINED LUNAR SUPPLY OPERATIONS.
N66-10612 22B U 41 08 HC$ 6.00 MF$ 1.25

ELECTRICAL NETWORKS, SYNTHESIS
NOTES ON SYSTEM THEORY. VOLUME VII.
N66-11401 9C U 41 08 HC$ 5.00 MF$ 1.25

ELECTRICAL CONDUCTANCE, ALLOYS
SELF-CONSISTENT TREATMENT OF KONDO'S EFFECT IN DILUTE ALLOYS,
AD-628 434 20C T 66 07

ELECTRICAL CONDUCTANCE, ELECTRONS
EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING,
AD-628 338 20C T 66 07

ELECTRICAL CONDUCTANCE, GEOPHYSICS
A MULTILAYER CONDUCTING EARTH IN THE FIELD OF PLANE WAVES,
AD-629 320 20C T 66 08

ELECTRICAL CONDUCTANCE, PLASMA MEDIUM
NEGATIVE CONDUCTIVITY IN PARTIALLY IONIZED GASES.
PB-169 191 20I U 41 08 HC$ 1.00 MF$ 0.50

ELECTRICAL CONDUCTANCE, PLASMA MEDIUM
DIRECT ENERGY CONVERSION SYSTEMS. PART I. ELECTRICAL CONDUCTIVITY OF PARTIALLY IONIZED GASES.
AD-628 528 20I T 66 07 HC$ 3.00 MF$ 0.50

ELECTRICAL CONDUCTANCE, QUANTUM MECHANICS
DOUBLE EXCHANGE FOR POLARONS,
AD-629 062 20C T 66 08

ELECTRICAL DISCHARGES, AIR
BREAKDOWN VOLTAGE CALCULATION FOR AIR IN UNIFORM FIELDS,
AD-628 347 20C T 66 07

ELECTRICAL ENGINEERING, REVIEWS
SEMI-ANNUAL RESEARCH SUMMARY (3RD), JULY-DECEMBER 1965,
AD-628 864 5A T 66 07 HC$ 6.00 MF$ 1.25

ELECTRICAL EQUIPMENT, AIRCRAFT ENGINES
SUPERCONDUCTING ELECTRICAL MACHINERY AS A MEANS OF POWER TRANSMISSION IN AIRCRAFT.
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75

ELECTRICAL INSULATION, PHOSPHONITRILE CHLORIDES
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

ELECTRICAL NETWORKS, COMPUTERS
COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN, PART I AND CONDUCTION PROCESSES IN THIN FILMS, PART II.
N65-17524 9A U 41 07 HC$ 3.00 MF$ 0.50

ELECTRICAL NETWORKS, DISTRIBUTION THEORY
DISTRIBUTION THEORY AS THE BASIS OF GENERALIZED PASSIVE-NETWORK ANALYSIS.
AD-629 339 9E T 66 08

ELECTRICAL NETWORKS, INTEGRAL TRANSFORMS
A DISTRIBUTIONAL K TRANSFORMATION WITH APPLICATIONS TO TIME-VARYING ELECTRICAL NETWORKS.
AD-629 060 12A T 66 08 HC$ 2.00 MF$ 0.50

ELECTRICAL NETWORKS, NONLINEAR SYSTEMS
ON THE TERMINAL DESCRIPTION OF NONLINEAR NETWORKS,
AD-629 686 9E T 66 08

ELECTRICAL NETWORKS, SWITCHING CIRCUITS
NECESSARY AND SUFFICIENT CONDITIONS FOR REALIZABILITY OF GIVEN SWITCHING FUNCTIONS,
AD-628 113 9E T 66 07 HC$ 2.60 MF$ 0.50

ELECTRICAL PROPERTIES, SEMICONDUCTORS
FIELD EFFECT MEASUREMENTS ON THE A AND B (111) SURFACES OF INDIUM ANTIMONIDE.
AD-629 200 20L T 66 08 HC$ 1.60 MF$ 0.50

ELECTRO MAGNETIC WAVE REFLECTIONS, ANTENNA FEEDS
TRANSVERSE ANTENNA FEEDS.
AD-628 500 9E T 66 07 HC$ 7.60 MF$ 0.75

ELECTRO PHYSIOLOGY, BEHAVIOR
ELECTROPHYSIOLOGICAL PATTERNS AND CEREBRAL IMPEDANCE CHARACTERISTICS IN ORIENTING AND DISCRIMINATIVE BEHAVIOR,
AD-628 403 6P T 66 07

ELECTRO RETINOGRAPHY, VISION
HUMAN ELECTRORETINOGRAPHY AS A GAUGE OF VISUAL PERFORMANCE.
AD-629 737 6P T 66 08 HC$ 2.00 MF$ 0.50

ELECTROACOUSTIC TRANSDUCERS, CIRCUITS
ELECTROACOUSTIC TRANSDUCER AND DRIVING CIRCUIT THEREFOR.
PATENT 3,219,969 9A U 41 07

ELECTROACOUSTIC TRANSDUCERS, ANECHOIC CHAMBERS
ACOUSTIC TRANSDUCER EVALUATION CENTER (TRANSDEC). NONREVERBERATING POOL DEVELOPED AT NEL FOR CALIBRATION AND EVALUATION.
AD-449 746 14B U 41 07 HC$ 2.00

ELECTROCARDIOGRAPHY, TEMPERATURE
THE EFFECTS OF ENVIRONMENTAL TEMPERATURE CHANGES ON THE EKG OF THE SQUIRREL MONKEY / SAIMIRI SCIUREUS/,
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50

ELECTROCHEMISTRY, ZIRCONIUM COMPOUNDS
THERMODYNAMIC AND ELECTROCHEMICAL PROPERTIES OF ZIRCONIUM CHLORIDES IN ALKALI CHLORIDE MELTS,
AD-628 251 7D T 66 07

ELECTRODEPOSITION, RARE EARTH ELEMENTS
ELECTRODEPOSITION OF ACTINIDES AND LANTHANIDES,
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50

ELECTRODES, CALIBRATION
CALIBRATION OF THE GLASS ELECTRODE IN ACETONITRILE. SHAPE OF POTENTIOMETRIC TITRATION CURVES. DISSOCIATION CONSTANT OF PICRIC ACID,
AD-629 614 7D T 66 08

ELECTRODES, FUEL CELLS
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-628 071 10B T 66 07 HC$ 4.00 MF$ 0.75

DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGENOXYGEN FUEL CELLS.
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50

ELECTROENCEPHALOGRAPHY, TRANQUILIZERS
AN ELECTROENCEPHALOGRAPHIC STUDY OF THE EFFECTS OF MEPROBAMATE ON HUMAN SLEEP,
AD-629 563 6O T 66 08

ELECTROLUMINESCENCE, DISPLAY SYSTEMS
RANDOM ACCESS CONTROL OF ELECTROLUMINESCENT ELEMENTS.
AD-628 886 9C T 66 08 HC$ 7.60 MF$ 0.75

ELECTROLUMINESCENCE, PHOSPHORESCENT MATERIALS
IMPROVED PULSED PHOSPHORS.
AD-629 162 20C T 66 08 HC$ 4.00 MF$ 0.75

ELECTROLUMINESCENCE, SEMICONDUCTORS
ALLOY JUNCTION FORMATION TEMPERATURE AND ELECTRO-LUMINESCENCE IN 4TH SILICON CARBIDE,
AD-628 605 20L T 66 07

ELECTROLYTES(PHYSIOLOGY), NEUROMUSCULAR TRANSMISSION
PRESYNAPTIC EFFECTS OF POTASSIUM ION ON THE MAMMALIAN NEUROMUSCULAR JUNCTION,
AD-628 266 6P T 66 07

ELECTROLYTES, ORGANIC MATERIALS
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75

ELECTROLYTES, RECLAMATION
THIN-FILM RECHARGEABLE SOLID-ELECTROLYTE BATTERIES,
AD-629 501 10C T 66 08

ELECTROLYTES, SOLUTIONS
EFFECT OF ADDED ELECTROLYTE ON THE ELECTRON SPIN RESONANCE SPECTRA OF SOLUTIONS OF METALS IN AMMONIA,
AD-629 208 7D T 66 08

ELECTROLYTIC CELLS, MEMBRANES
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION.
N66-12870 10C U 41 08 HC$ 2.00 MF$ 0.50

ELECTROLYTIC CELLS, OXYGEN
COULOSTATIC STUDY OF RESIDUAL OXYGEN IN ELECTRO-CHEMICAL INVESTIGATIONS,
AD-466 907 7D U 41 08 HC$ 2.00 MF$ 0.50

ELECTROMAGNETIC FIELDS, DIPOLE ANTENNAS
THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS - PART II.
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50

ELECTROMAGNETIC FIELDS, MEASUREMENT
A FOURIER THEOREM AND ITS APPLICATION TO THE MEASUREMENT OF ELECTROMAGNETIC FIELDS AND QUANTUM MECHANICAL STATES.
AD-407 604 20C U 41 07 HC$ 1.00

ELECTROMAGNETIC LENSES, SUPERCONDUCTORS
ELECTRON MICROSCOPY WITH SUPERCONDUCTING LENSES,
N66-12175 14B U 41 08 HC$ 1.00 MF$ 0.50

ELECTROMAGNETIC PULSES, PROPAGATION
PROPAGATION OF ELECTROMAGNETIC PULSES IN TERRESTRIAL WAVEGUIDES,
AD-628 240 20N T 66 07

ELECTROMAGNETIC PUMPS, DIRECT CURRENT
AN EXPERIMENTAL DC ELECTROMAGNETIC PUMP FOR A MOLTEN PLUTONIUM ALLOY,
LA-3240 13K U 41 07 HC$ 2.00 MF$ 0.50

ELECTROMAGNETIC SHIELDING, EFFECTIVENESS
HERO TEST PROGRAM FOR WEAPON DEVELOPERS. PART I. DEVELOPMENT OF SHIELDING EFFECTIVENESS TESTS.
AD-629 196 19A T 66 08 HC$ 2.60 MF$ 0.50

ELECTROMAGNETIC SHIELDING, LOW FREQUENCY
LOW FREQUENCY SHIELDING OF A CIRCULAR LOOP ELECTROMAGNETIC FIELD SOURCE.
AD-629 005 9A T 66 08 HC$ 5.60 MF$ 0.50

ELECTROMAGNETIC WAVE REFLECTIONS, ANTENNA FEEDS
TRASVERSE FOCAL REGION FIELDS OF A SPHERICAL REFLECTOR.
AD-628 502 9E T 66 07 HC$ 9.60 MF$ 0.75

ELECTROMAGNETIC WAVE REFLECTIONS, IONOSPHERIC DISTURBANCES
THE ANISOTROPY OF IONOSPHERIC IRREGULARITIES DEDUCED FROM V.H.F. SCATTER MEASUREMENTS,
AD-629 356 4A T 66 08

ELECTROMAGNETIC WAVES, ATMOSPHERIC REFRACTION
PROCEEDINGS OF THE TROPOSPHERIC REFRACTION EFFECTS MEETING (3RD). VOLUME II. ANALYTICAL AND EXPERIMENTAL REFRACTION RESEARCH RESULTS.
AD-628 772 20N T 66 07 HC$ 6.00 MF$ 1.50

ELECTROMAGNETIC WAVES, ELECTRICAL CONDUCTANCE
A MULTILAYER CONDUCTING EARTH IN THE FIELD OF PLANE WAVES,
AD-629 320 20C T 66 08

ELECTROMAGNETIC WAVES, EXPLOSIVE INITIATORS
ON THE INFLUENCE OF REFLECTIONS FROM THE ENVIRONMENT ON HERO TEST RESULTS.
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50

ELECTROMAGNETIC WAVES, PROPAGATION
MODE THEORY APPROACH TO ARRAYS,
AD-628 778 20N T 66 07 HC$ 3.60 MF$ 0.50

SEMIANNUAL PROGRESS REPORT NO. 70, JANUARY 1, 1965-JULY 1, 1965.
AD-629 484 9C T 66 08 HC$ 6.60 MF$ 0.75

APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA,
N65-31137 20N U 41 07 HC$ 2.00 MF$ 0.50

ELECTROMAGNETIC WAVES, VERY LOW FRE QUENCY
BEARING TECHNIQUE IN THE NEAR FIELD OF A MAGNETIC TRANSMITTING DIPOLE IN THE VLF REGION.
AD-628 771 20N T 66 07 HC$ 1.60 MF$ 0.50

ELECTROMAGNETS, CONDUCTIVITY
MAGNETIC FIELDS DUE TO SOLID AND HOLLOW CONICAL CONDUCTORS,
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00

ELECTROMAGNETS, CONTROL SYSTEMS
SWEEP OF LOW IMPEDANCE IRON CORE MAGNETS DOWN TO ZERO FIELD,
AD-629 193 14B T 66 08

ELECTROMAGNETS, GENERATORS
ELECTROMAGNETIC AND ELECTROSTATIC GENERATORS: ANNOTATED BIBLIOGRAPHY.
AD-629 476 10B T 66 08 HC$ 2.00 MF$ 0.50

ELECTRON ACCELERATORS, LINEAR ACCELERATORS
TWO-MILE ACCELERATOR PROJECT.
SLAC-48 20G U 41 07 HC$ 4.00 MF$ 0.75

ELECTRON BEAMS, DISPLAY SYSTEMS
LARGE-AREA ELECTRONIC DISPLAY PANEL,
AD-294 845 9A U 41 08 HC$ 4.00

ELECTRON BEAMS, ELECTRODES
A SINGLE-COLLISION MODEL FOR ELECTRON-BEAM CURRENTS BETWEEN PLANE ELECTRODES.
N66-10326 20I U 41 07 HC$ 1.00 MF$ 0.50

ELECTRON BEAMS, MANUFACTURING METHODS
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50

ELECTRON BEAMS, NOISE(RADIO)
BEAM NOISE REDUCTION IN HIGH MAGNETIC FIELDS,
AD-629 516 17B T 66 08

ELECTRON BEAMS, OSCILLATION
HIGH-FREQUENCY OSCILLATIONS RESULTING FROM THE INTERACTION OF AN ELECTRON BEAM WITH PLASMA,
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50

ELECTRON BEAMS, PARTICLE ACCELERATORS
CONSOLIDATION OF RESULTS OF PRELIMINARY BEAM TESTS WITH SECTORE 1 AND 2.
SLAC-50 20G U 41 07 HC$ 3.00 MF$ 0.75

ELECTRON BEAMS, PLASMA PHYSICS
HIGH-PERVEANCE ELECTRON BEAM-PLASMA INTERACTION REPORT ON AN EXPERIMENT IN THE LONG SOLENOID FACILITY AT OAK RIDGE NATIONAL LABORATORY,
CONF-471-45 20I U 41 07 HC$ 1.00 MF$ 0.50

ELECTRON BEAMS, SCATTERING
INTENSITY DISTRIBUTION IN THE ELECTRON-IMPACT SPECTRUM OF CARBON MONOXIDE AT HIGH-RESOLU- TION AND SMALL SCATTERING ANGLES,
AD-629 613 7D T 66 08

ELECTRON BEAMS, TEMPERATURE
ROCKET BASE FLOW FIELD STUDIES USING AN ELECTRON BEAM PROBE.
N66-10619 20M U 41 08 HC$ 1.00 MF$ 0.50

ELECTRON BEAMS, WORK FUNCTIONS
REPORT ON NRL PROGRESS.
PB-168 986 14B U 41 07 HC$ 1.25 MF$ 0.50

ELECTRON BOMBARDMENT, EXCITATION
MEASUREMENT OF THE EXCITATION FUNCTION OF N(2+) FIRST NEGATIVE BANDS BY ELECTRON IMPACT.
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50

ELECTRON BOMBARDMENT, HYDROGEN
THE CROSS SECTIONS FOR IONIZATION OF THE EXCITED STATES OF ATOMIC HYDROGEN BY HIGH ENERGY ELECTRONS,
AD-628 656 7D T 66 07

ELECTRON BOMBARDMENT, KETONES
ELECTRON-IMPACT ENERGY SPECTRA OF ACETONE AND 2-BUTANONE.
AD-628 904 7D T 66 08

ELECTRON CAPTURE, ATOMIC ENERGY LEVELS
EXCHANGE AND OVERLAP EFFECTS IN ELECTRON CAPTURE RATIOS: PHYSICAL BASIS AND EXPERIMENTAL TESTS,
AD-628 461 20H T 66 07

ELECTRON DENSITY, ATMOSPHERIC SOUNDING
ROCKET INSTRUMENTATION FOR THE MEASUREMENT OF D-REGION ELECTRON DENSITY AND COLLISION FREQUENCIES.
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50

ELECTRON DENSITY, IONOSPHERE
COMPARISON OF EXPERIMENTAL DATA OF THE EFFECTIVE ION MASS IN THE UPPER IONOSPHERE WITH A THEORETICAL STRUCTURE,
AD-628 602 4A T 66 07

ENHANCEMENT OF PLASMA DENSITY FLUCTUATIONS BY NONTHERMAL ELECTRONS,
AD-629 336 4A T 66 08

ELECTRON DENSITY, VAN ALLEN RADIATION BELT
DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT,
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75

ELECTRON DIFFRACTION ANALYSIS, CRYSTAL STRUCTURE
INVESTIGATIONS OF ATOMIC PHENOMENA OCCURRING ON OR NEAR THE SURFACE OF SOLIDS BY METHODS OF ULTRA HIGH VACUUM ELECTRON DIFFRACTION AND ELECTRON MICROSCOPY.
AD-628 520 20B T 66 07 HC$ 1.00 MF$ 0.50

ELECTRON DIFFRACTION ANALYSIS, GASES
MULTIPLE ELASTIC INTRAMOLECULAR SCATTERING IN GAS ELECTRON DIFFRACTION,
AD-629 024 7D T 66 08

ELECTRON DIFFRACTION ANALYSIS, MOLECULAR PROPERTIES
STRUCTURES AND DYNAMICS OF MOLECULES BY ELECTRON DIFFRACTION.
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50

ELECTRON GUNS, CROSSED FIELD DEVICES
RESEARCH ON NOISE IN CROSSED-FIELD GUNS.
AD-628 231 9A T 66 07 HC$17.00 MF$ 1.00

ELECTRON MICROSCOPY, CRYSTAL STRUCTURE
INVESTIGATIONS OF ATOMIC PHENOMENA OCCURRING ON OR NEAR THE SURFACE OF SOLIDS BY METHODS OF ULTRA HIGH VACUUM ELECTRON DIFFRACTION AND ELECTRON MICROSCOPY.
AD-628 520 20B T 66 07 HC$ 1.00 MF$ 0.50

ELECTRON MICROSCOPY, ELECTROMAGNETIC LENSES
ELECTRON MICROSCOPY WITH SUPERCONDUCTING LENSES,
N66-12175 14B U 41 08 HC$ 1.00 MF$ 0.50

ELECTRON OPTICS, CATHODE RAY TUBES
RANDOM ACCESS LIGHT VALVE STUDY.
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75

ELECTRON SPIN RESONANCE, SILVER COMPOUNDS
ESR OF X-IRRADIATED SILVER NITRATE,
AD-629 663 7D T 66 08

ELECTRON TRANSITIONS, IRON
ATOMIC WAVE FUNCTIONS, COLLISION CROSS-SEC- TIONS, AND TRANSITION PROBABILITIES OF FE IONS,
AD-629 437 3B T 66 08

ELECTRON TRANSITIONS, LASERS
ENERGY TRANSFER IN SOLID LASER MATERIALS.
AD-628 076 20E T 66 07 HC$ 1.00 MF$ 0.50

ELECTRON TRANSITIONS, POTENTIAL THEORY
DEPENDENCE OF THE PROBABILITIES OF VIBRATIONAL DE-EXCITATION ON INTERACTION POTENTIALS,
AD-628 395 7D T 66 07

ELECTRON TUBE PARTS, MANUFACTURING METHODS
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50

ELECTRON TUBES, MICROWAVE FREQUENCY
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-408 398 9A U 41 07 HC$ 3.00

AD-421 001 9A U 41 07 HC$ 2.00

ELECTRON TUBES, MICROWAVE FREQUENCY
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-427 895 9A U 41 07 HC$ 3.00

AD-437 141 9A U 41 07 HC$ 3.00

ELECTRON TUBES, VACUUM APPARATUS
OPERATING PARAMETERS OF THE OMEGATRON MASS SPECTROMETER IN ULTRAHIGH VACUUM.
N66-13227 7D U 41 07 HC$ 2.00 MF$ 0.50

ELECTRONIC EQUIPMENT, ADHESIVES
CONDUCTIVE ADHESIVES. A SUBSTITUE FOR SOLDER,
BOX-613-7 11A U 41 08 HC$ 1.00 MF$ 0.50

ELECTRONIC EQUIPMENT, DESIGN
THE COMPUTER ORIENTED DESIGN OF ELECTRONIC DEVICES. (CODED). PROJECT--REVISED PROGRAM FOR POWER TRANSFORMERS.
AD-628 535 9A T 66 07 HC$ 3.00 MF$ 0.75

ELECTRONIC EQUIPMENT, GUIDED MISSILES(SURFACE-TO-SURFACE)
DYNAMIC RESPONSE, ENERGY METHODS, AND TEST CORRELATION OF FLIGHT VEHICLE EQUIPMENTS.
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00

ELECTRONIC RECORDING SYSTEMS, NOISE
A NOISE EXPOSURE DURATION INDICATOR.
AD-629 101 14C T 66 08

ELECTRONIC SWITCHES, COMMUNICATION SYSTEMS
MILITARY COMMUNICATIONS SWITCHING SYSTEM DESIGN.
AD-629 352 17B T 66 08 HC$ 3.00 MF$ 0.75

ELECTRONIC SWITCHES, TRANSISTORS
PRODUCTION ENGINEERING MEASURE (PEM) FOR TRANSISTOR, PNP, SILICON, SWITCHING TYPE EL-2N(X-12).
AD-628 128 9A T 66 07 HC$ 2.00 MF$ 0.50

ELECTRONIC TECHNICIANS, JOB ANALYSIS
ORDNANCE NIKE DETACHMENT ELECTRONICS MAINTENANCE PERSONNEL. ANALYSIS OF ACTIVITIES WITH IMPLICATIONS FOR TRAINING, MAY 1957.
AD-628 165 5I T 66 07 HC$ 7.60 MF$ 0.75

ELECTRONIC TECHNICIANS, TRAINING
THE DEVELOPMENT OF TRAINING PROGRAMS FOR FIRST ENLISTMENT PERSONNEL IN ELECTRONICS MAINTENANCE MOS'S. IV. HOW TO DESIGN TRAIN- ING METHODS AND MATERIALS.
AD-628 168 5I T 66 07 HC$ 6.60 MF$ 0.75

ELECTRONICS, RELIABILITY(ELECTRONICS)
RESEARCH ON FAILURE FREE SYSTEMS,
N66-13048 9B U 41 07 HC$ 5.00 MF$ 1.00

ELECTRONICS, REVIEWS
SEMI-ANNUAL RESEARCH SUMMARY (3RD), JULY-DECEMBER 1965,
AD-628 864 5A T 66 07 HC$ 6.00 MF$ 1.25

ELECTRONICS, SCIENTIFIC RESEARCH
A SUMMARY OF CURRENT RESEARCH IN THE MICROWAVE RESEARCH INSTITUTE PROGRAMS.
AD-467 353 9C U 41 08 HC$ 5.00 MF$ 1.00

ELECTRONS, DIPOLE MOMENTS
ON THE BOUND STATES OF AN ELECTRON IN THE FIELD OF A PERMANENT ELECTRIC DIPOLE,
ORNL-3895 20H U 41 08 HC$ 3.00 MF$ 0.50

ELECTRONS, DISTRIBUTION FUNCTIONS
FORM OF THE ELECTRON DISTRIBUTION FUNCTION IN A TIME-VARYING PLASMA,
AD-628 637 20I T 66 07

ELECTRONS, DYNAMICS
BLOCH ELECTRONS IN EXTERNAL ELECTRIC AND MAGNETIC FIELDS,
AD-629 182 20C T 66 08

ELECTRONS, POTENTIAL SCATTERING
PARAMAGNETIC IMPURITIES IN METALS AT FINITE TEMPERATURES,
AD-629 174 20L T 66 08

ELECTRONS, RESONANCE SCATTERING
RESONANCES IN THE SCATTERING OF ELECTRONS FROM ATOMS,
AD-629 001 7D T 66 08 HC$ 1.60 MF$ 0.50

ELECTRONS, SCATTERING
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS.
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50

INVESTIGATIONS OF ELECTRON INTERACTIONS WITH MATTER. PART I. BREMSSTRAHLUNG PRODUCTION IN ALUMINUM AND IRON. PART II. ELECTRON SCATTERING IN ALUMINUM.
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75

ELECTRONS, VALENCE
A STUDY OF THE VALENCE ELECTRON APPROXIMATION: APPLICATION TO LIH,
AD-628 261 7D T 66 07

ELECTRONS, WAVE FUNCTIONS
PROPER FUNCTIONS FOR A BLOCH ELECTRON IN A MAGNETIC FIELD,
AD-628 375 20H T 66 07

ELECTROOPTICS, DISPLAY SYSTEMS
RANDOM ACCESS LIGHT VALVE STUDY.
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75

ELECTROOPTICS, DISTANCE-MEASUR ING EQUIPMENT
COMPARISON TESTS OF ELECTRO-OPTICAL AND MICROWAVE DISTANCE MEASURING INSTRUMENTS,
PB-169 333 14B U 41 08 HC$ 2.60 MF$ 0.50

ELECTROOPTICS, LIGHT COMMUNICATION SYSTEMS
MICROWAVE OPTICAL RECEIVER TECHNIQUES.
AD-629 242 17B T 66 08 HC$ 2.00 MF$ 0.50

ELECTROOPTICS, MODULATORS
OPTICAL MISALIGNMENT DUE TO TEMPERATURE GRADIENTS IN ELECTROOPTIC MODULATOR CRYSTALS,
AD-628 607 20E T 66 07

ELECTROPHORESIS, SPHERES
UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART IV. HIGH FIELD ELECTROPHORESIS OF SOLID SPHERICAL PARTICLES IN LOW CONDUCTIVITY LIQUIDS.
AD-628 617 20D T 66 07 HC$ 4.00 MF$ 0.75

ELECTROPHYSI OLOGY, THALAMUS
RESPONSES OF MONKEY THALAMUS TO SOMATIC STIMULI UNDER CHLORALOSE ANAESTHESIA,
AD-628 368 6P T 66 07

ELECTROPHYSIOLOGY, CENTRAL NERVOUS SYSTEM
ELECTROPHYSIOLOGIC STUDIES OF THE BASAL GANGLIA AND STRIOPALLIDAL INHIBITION OF NON-SPECIFIC AFFERENT ACTIVITY,
AD-629 093 6P T 66 08

ELECTROPHYSIOLOGY, MUSCLES
ANALYSIS OF PRENATAL SPINAL REFLEX ACTIVITY IN SHEEP,
AD-629 561 6P T 66 08

ELECTROPHYSIOLOGY, NERVE CELLS
THE PROPERTIES OF RETICULO-SPINAL NEURONS,
AD-629 204 6P T 66 08

SUBCORTICAL AND PERIPHERAL CONTROL OF BRAIN STEM RETICULAR NEURONS,
AD-629 205 6P T 66 08

CORTICAL CONTROL OF BRAIN STEM RETICULAR NEURONS,
AD-629 206 6P T 66 08

AFFERENT CONNECTIONS TO RETICULO-SPINAL NEURONS,
AD-629 207 6P T 66 08

ELECTROPLATING, PRINTED CIRCUITS
SELECTIVE ELECTROPLATING OF ETCHED CIRCUITS.
N66-10318 9A U 41 07 HC$ 1.00 MF$ 0.50

ELECTROSTATIC GENERATORS, BIBLIOGRAPHIES
ELECTROMAGNETIC AND ELECTROSTATIC GENERATORS: ANNOTATED BIBLIOGRAPHY.
AD-629 476 10B T 66 08 HC$ 2.00 MF$ 0.50

ELECTROSTATICS, DETECTION
FEASIBILITY OF USING ELECTROSTATIC METHODS TO DETECT MOTION OF HUMAN BEINGS OR OTHER NEARBY OBJECTS.
AD-629 104 17F T 66 08 HC$ 2.00 MF$ 0.50

ELECTROSTATICS, SILVER COMPOUNDS
CONTACT POTENTIAL DIFFERENCE BETWEEN SILVER NITRATE AND SILVER.
AD-629 075 7D T 66 08

ELEMENTARY PARTICLES, FIELD THEORY
SU(12) MASS FORMULA,
AD-628 341 20H T 66 07

SPONTANEOUS BREAKDOWN OF SYMMETRY IN AXIOMATIC THEORY,
AD-628 739 20J T 66 07

BORN RECIPROCITY PRINCIPLE AND UNITARY SYMMETRY,
AD-629 183 20H T 66 08

ELEMENTARY PARTICLES, NUCLEAR PROPERTIES
PROPERTIES OF A MASSIVE NEUTRAL GAUGE PARTICLE,
AD-629 283 20H T 66 08

ELEMENTARY PARTICLES, NUCLEAR SPINS
METHODS AND RESULTS OF A GENERAL THEORY OF PARTICLES WITH SPIN AND ITS CONNECTION WITH SU12,
AD-628 339 20H T 66 07

ELLESMERE ISLAND, SOUNDS
ON THE OCEANOGRAPHY OF THE NANSEN SOUND FIORD SYSTEM.
AD-628 145 8J T 66 07

EMBEDDING SUBSTANCES, PRODUCTION
PRODUCIBILITY OF POTTING COMPOUNDS,
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50

EMBRYOLOGY, AMPHIBIANS
GROUPES SULFHYDRILES ET MORPHOGENESE. I. EFFETS DU BETA-MERCAPTOETHANOL, DE L'ACIDE ALPHA-LIPOIQUE, DE L'ACIDE ADENOSINETRIPHOSPHORIQUE ET DE L'OXALOACETATE SUR LE DEVELOPPEMENT EMBRYONNAIRE DES BATRACIENS (SULFHYDRYL GROUP AND MORPHOGENESIS. I. EFFECTS OF BETA-MERCAPTOETHANOL, ALPHA-LIPIOC ACID, ATP, AND OXALOACETATE ON EMBRYONIC DEVELOPMENT IN AMPHIBIANS),
AD-629 461 6C T 66 08

EMBRYOLOGY, NUCLEIC ACIDS
EFFETS DE L (ACIDE ALPHA-LIPOIQUE SUR LE METABOLISME DES ACIDES NUCLEIQUES CHEZ LES EMBRYONS DE BATRACIENS ET DE POULET (EFFECTS OF ALPHA-LIPOIC ACID ON NUCLEIC ACID METABOLISM IN AMPHIBIAN AND CHICKEN EMBRYOS),
AD-629 462 6C T 66 08

EMBRYOS, MAMMALS
ANALYSIS OF PRENATAL SPINAL REFLEX ACTIVITY IN SHEEP,
AD-629 561 6P T 66 08

EMISSIVITY, COATINGS
SPECTRAL EMITTANCE OF ALUMINUM OXIDE AND ZINC OXIDE ON OPAQUE SUBSTRATES.
N66-10339 11C U 41 07 HC$ 1.00 MF$ 0.50

EMPLOYMENT, ECONOMICS
FULL EMPLOYMENT POLICY AND ECONOMIC GROWTH,
AD-628 201 5C T 66 07 HC$ 2.60 MF$ 0.50

ENCAPSULATION, INTEGRATED CIRCUITS
RESEARCH AND DEVELOPMENT LOW COST INTEGRATED CIRCUIT TECHNIQUES.
AD-628 618 9A T 66 07 HC$ 7.60 MF$ 0.75

ENCAPSULATION, MATERIALS
STRESS ANALYSIS OF ENCAPSULATION MATERIALS FOR WELDED MODULES,
AD-628 833 9E T 66 07 HC$ 3.00 MF$ 0.75

ENCAPSULATION, STYRENE PLASTICS
LOW-LOSS STYRENE-TYPE FOAM-IN-PLACE ENCAPSULATING RESINS,
AD-628 537 11I T 66 07 HC$ 2.60 MF$ 0.50

ENDOCRINE GLANDS, AUTONOMIC NERVOUS SYSTEM
ACTION OF RESERPINE, IPRONIAZID AND PYROGALLOL ON NERVE ENDINGS OF THE PINEAL GLAND,
AD-629 054 6O T 66 08

ENDOCRINE GLANDS, METABOLISM
THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND,
AD-629 053 6Q T 66 08

ENDOCRINE GLANDS, NERVES
ULTRASTRUCTURE AND PHARMACOLOGICAL STUDIES OF NERVE ENDINGS IN THE PINEAL ORGAN,
AD-628 435 6P T 66 07

ENERGY CONVERSION, ABSTRACTS
DIRECT ENERGY CONVERSION LITERATURE ABSTRACTS.
AD-628 049 0A T 66 07 HC$ 5.00 MF$ 1.00

ENERGY CONVERSION, FUEL CELLS
DIRECT ENERGY CONVERSION SYSTEMS. PART II. ELECTROCATALYTIC ACTIVITY OF HYDRAZINE IN FUEL CELL APPLICATION.
AD-628 529 10A T 66 07 HC$ 3.00 MF$ 0.50

ENERGY CONVERSION, SOLAR CELLS
PHOTOVOLTAIC POWER SYSTEMS USING HIGH SOLAR ENERGY FLUXES.
AD-629 241 10B T 66 08 HC$ 3.00 MF$ 0.75

ENERGY, MOLECULAR ASSOCIATION
RELATIVISTIC INTERMOLECULAR FORCES,
N66-10959 20J U 41 08 HC$ 4.00 MF$ 0.75

ENGINEERING, VOCABULARY
ACTION PLAN FOR IMPROVED DISSEMINATION OF ENGINEERING INFORMATION.
PB-169 318 5B U 41 07 HC$ 1.10 MF$ 0.50

PB-169 320 5B U 41 07 HC$ 1.60 MF$ 0.50

ENGLISH LANGUAGE, COMPUTERS
THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS,
AD-629 455 5G T 66 08

ENGLISH LANGUAGE, MEMORY
SHORT-TERM RETENTION AS A FUNCTION OF ITEM FREQUENCY,
AD-629 382 5J T 66 08

SHORT-TERM RETENTION AS A FUNCTION OF WORD FREQUENCY,
AD-629 383 5J T 66 08

ENTHALPY, GASES
CHARTS OF ISENTROPIC EXPONENT AS A FUNCTION OF ENTHALPY FOR VARIOUS GASES IN EQUILIBRIUM,
N65-34243 20M U 41 07 HC$ 1.00 MF$ 0.50

ENTHALPY, REFRACTORY METALS
ENTHALPY AND THERMAL EXPANSION OF SEVERAL REFRACTORY METALS TO 2500 DEGREE C,
GE-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50

ENVIRONMENTAL TESTS, PACKING MATERIALS
AGING OF BARRIER MATERIALS.
PB-169 187 13D U 41 08 HC$ 3.00 MF$ 0.50

ENVIRONMENTAL TESTS, TEST FACILITIES
SANDIA CORPORATION (ORGANIZATION 7300) ENVIRONMENTAL FACILITY CALIBRATION PROCEDURES,
SC-M-64-61 14B U 41 08 HC$ 2.00 MF$ 0.50

ENZYME INHIBITORS, ORGANIC NITROGEN COMPOUNDS
THE INACTIVATION OF CHYMOTRYPSIN BY DIPHENYLCARBAMYL CHLORIDE AND ITS REACTIVATION BY NUCLEOPHILIC AGENTS.
AD-628 645 6A T 66 07

ENZYMES, ADIPOSE TISSUE
ADAPTIVE CHANGES IN ENZYME ACTIVITY AND METABOLIC PATHWAYS IN ADIPOSE TISSUE FROM MEAL-FED RATS,
AD-629 329 6A T 66 08

ENZYMES, ENDOCRINE GLANDS
5-HYDROXYTRYPTOPHAN-DECARBOXYLASE ACTIVITY IN NORMAL AND DENERVATED PINEAL GLAND OF RATS,
AD-628 433 6P T 66 07

EPHEMERIDES, MOON
GENERATION OF THE LUNAR EPHEMERIS ON AN ELECTRONIC COMPUTER.
AD-629 047 3A T 66 08 HC$ 2.00 MF$ 0.50

EPHEMERIDES, PLANETS
GENERATION OF PLANETARY EPHEMERIDES ON AN ELECTRONIC COMPUTER.
AD-629 130 3A T 66 08 HC$ 8.60 MF$ 0.75

EPINEPHRINE, MUSCLES
A RELATIONSHIP BETWEEN ADRENALINE AND THE MODE OF ACTION OF OXYTOCIN AND OESTROGEN ON VASCULAR SMOOTH MUSCLE,
AD-628 389 6P T 66 07

EPOXY PLASTICS, COLLOIDS
VISCOSITY STUDIES ON DISTILLED WATER AND WEAK SOLS OF POLYETHYLENOXIDE USING THE FALLING CYLINDER VISCOMETER AT OKLAHOMA STATE UNIVERSITY.
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50

EQUATIONS OF MOTION, BOUNDARY VALUE PROBLEMS
NEW EIGENFUNCTION EXPANSIONS AND ALTERNA- TIVE REPRESENTATIONS FOR THE REDUCED WAVE EQUATION,
AD-629 649 12A T 66 08

EQUATIONS OF MOTION, INTEGRATION
THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A VISCOUS FLUID, PART 1.
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50

ASYMPTOTIC APPROACH TO HARTMANN-POISEUILLE FLOWS.
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50

EQUATIONS OF MOTION, N-BODY PROBLEM
KINETIC EQUATIONS AND STATIONARY STATE FOR A SYSTEM IN A UNIFORM EXTERNAL FIELD,
AD-628 374 20H T 66 07

EQUATIONS OF STATE, DETERMINATION
DETERMINATION OF MIXED VIRIAL COEFFICIENTS.
AD-628 889 7D T 66 08 HC$ 2.00 MF$ 0.50

EQUATIONS OF STATE, HELIUM
EQUATION OF STATE OF 4HE IN THE CRITICAL REGION,
AD-629 186 20M T 66 08

EQUATIONS OF STATE, NUCLEAR PARTICLES
EQUATION OF STATE OF MATTER AT SUPERNUCLEAR DENSITY,
N65-35954 20H U 41 07 HC$ 1.00 MF$ 0.50

EQUATIONS, GUIDANCE
MISSILE DYNAMICS FOR STABILITY ANALYSIS. VOLUME I. DERIVATION OF EQUATIONS,
N66-10756 16B U 41 08 HC$ 4.00 MF$ 0.75

ERBIUM ALLOYS, ELECTRICAL CONDUCTANCE
THERMOELECTRIC AND ELECTRICAL MEASURE- MENTS IN THE ER-SE SYSTEM.
AD-629 173 20L T 66 08

ERRORS, INFORMATION THEORY
DATA TRANSMISSION, ERROR CONTROL AND COMMUNICATIONS SECURITY.
AD-629 354 17B T 66 08 HC$ 2.60 MF$ 0.50

ESTERS, IMPURITIES
ANALYSIS FOR ACYL COMPONENTS OF NEOPENTYL POLYOL ESTER LUBRICANTS.
AD-628 914 11H T 66 08 HC$ 1.00 MF$ 0.50

ESTERS, REDUCTION(CHEMISTRY)
SELECTIVE REDUCTIONS. VI. THE REACTION OF LITHIUM TRI-T-BUTOXY ALUMINOHYDRIDE WITH PHENOLIC ESTERS. A NEW ALDEHYDE SYNTHESIS,
AD-629 448 7C T 66 08

ESTERS, SYNTHESIS(CHEMISTRY)
PREPARATION OF ESTERS THROUGH THE USE OF FRIEDEL-CRAFTS CATALYSTS.
PATENT 3,223,725 7C U 41 08

ESTROGENS, MUSCLES
A RELATIONSHIP BETWEEN ADRENALINE AND THE MODE OF ACTION OF OXYTOCIN AND OESTROGEN ON VASCULAR SMOOTH MUSCLE,
AD-628 389 6P T 66 07

ETHENOLS, BOILING
CRITICAL HEAT FLUX FOR SATURATED POOL BOILING FROM HORIZONTAL AND VERTICAL WIRES IN REDUCED GRAVITY,
N66-12141 20M U 41 08 HC$ 1.00 MF$ 0.50

ETHERS, CHEMICAL REACTIONS
THE REACTIONS OF METHYL- AND N-BUTYLLITHIUM WITH DICHLOROMETHYL METHYL ETHER AND DICHLORODIPHENOXY METHANE,
AD-629 683 7C T 66 08

EUROPE, ECONOMICS
THE COMMON MARKET AND EUROPEAN UNIFICATION,
AD-629 133 5C T 66 08 HC$ 4.00 MF$ 0.75

EUROPIUM COMPOUNDS, FLUORESCENCE
SELECTIVE ENHANCEMENT OF FLUORESCENCE FROM SOME RARE-EARTH SALTS IN SOLUTION,
AD-628 585 7D T 66 07

EUROPIUM, PARAMAGNETIC RESONANCE
ELECTRON PARAMAGNETIC RESONANCE OF EU2+ IN CAWO4,
AD-629 232 7D T 66 08

EURPIUM COMPOUNDS, LASERS
LIQUID LASER PARAMETERS.
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

EVACUATION, MANAGEMENT PLANNING
OFF-SITE SURVEILLANCE.
AD-629 357 18C T 66 08 HC$ 3.00 MF$ 0.75

EXCHANGE REACTIONS, OXYGEN
A STUDY OF THE FEASIBILITY OF DETECTING EXTRATERRESTRIAL LIFE BASED ON THE EXCHANGE BETWEEN WATER AND OXYANIONS AND A STUDY OF ENERGY EXCHANGE IN AUTOTROPHIC LIFE.
N66-10939 6C U 41 08 HC$ 3.00 MF$ 0.75

EXCHANGE REACTION, AMINES
SOME SELECTED SCHIFF-BASE EXCHANGE REACTIONS,
N66-11766 7C U 41 08 HC$ 1.00 MF$ 0.50

EXCITATION, COLOR CENTERS
RESONANT ENERGY TRANSFER BETWEEN EXCITED F-CENTERS IN KI.
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50

EXCITATION, HELIUM
DIRECT CALCULATION OF CONTRIBUTIONS TO THE SECOND-ORDER ENERGY OF HELIUM,
AD-628 481 7D T 66 07

EXCITATION, NITROGEN
MEASUREMENT OF THE EXCITATION FUNCTION OF N(2+) FIRST NEGATIVE BANDS BY ELECTRON IMPACT.
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50

EXCITATION, NUCLEAR ENERGY LEVELS
INFLUENCE OF MULTIPLE VIRTUAL TRANSITIONS ON THE REORIENTATION EFFECT IN COULOMB EXCITATION,
AD-628 650 20H T 66 07

EXCITATION, PERTURBATION THEORY
A NOTE ON THE VARIATION-PERTURBATION METHOD FOR EXCITED STATES.
AD-628 120 7D T 66 07 HC$ 1.00 MF$ 0.50

EXCITATION, PROBABILITY
EFFECT OF FINITE LIFE OF UPPER LEVEL ON PROBABILITY OF COULOMB EXCITATION,
AD-628 267 20H T 66 07

EXPANDED PLASTICS, ENCAPSULATION
LOW-LOSS STYRENE-TYPE FOAM-IN-PLACE ENCAPSULATING RESINS,
AD-628 537 11I T 66 07 HC$ 2.60 MF$ 0.50

EXPERIMENTAL DESIGN, DECISION MAKING
NEW DEVELOPMENTS IN FACET DESIGN AND ANALYSIS,
AD-629 265 5J T 66 08

EXPLODING WIRES, PULSE GENERATORS
DEVELOPMENT OF AN ULTRAFAST MODERATE ENERGY PULSE POWER SYSTEM.
AD-628 506 10B T 66 07 HC$30.70 MF$ 1.50

EXPLOSIONS, CHEMICAL REACTIONS
THERMAL AND ISOTHERMAL EXPLOSIONS IN THE INHIBITION OF THE H2+02 REACTION BY HYDROCARBONS,
AD-629 245 7D T 66 08

EXPLOSIONS, PHOTOGRAPHIC ANALYSIS
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS.
AD-628 915 19D T 66 08 HC$ 1.10 MF$ 0.50

EXPLOSIVE FORMING, TITANIUM ALLOYS
PHYSICAL AND MECHANICAL PROPERTIES OF TI-6A1-4V ALLOY SUBSEQUENT TO HIGH VELOCITY DEFORMATION.
AD-629 708 13H T 66 08 HC$ 1.00 MF$ 0.50

EXPLOSIVE INITIATORS, ELECTROMAGNETIC WAVES
HERO TEST PROGRAM FOR WEAPON DEVELOPERS. PART I. DEVELOPMENT OF SHIELDING EFFECTIVENESS TESTS.
AD-629 196 19A T 66 08 HC$ 2.60 MF$ 0.50

EXPLOSIVE INITIATORS, HAZARDS
ON THE INFLUENCE OF REFLECTIONS FROM THE ENVIRONMENT ON HERO TEST RESULTS.
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50

EXPLOSIVE MATERIALS, ORGANIC NITROGEN COMPOUNDS
NITROALKYLAMINES.
PATENT 3,219,706 7C U 41 08

EXPLOSIVE MATERIALS, DETONATIONS
CONTRIBUTION TO THE STUDY OF THE INITIATION OF DETONATION PRODUCED BY IMPACT ON AN EXPLOSIVE.
AD-628 984 19D T 66 08 HC$ 4.00 MF$ 1.00

DETONATION CHARACTERISTICS OF LOW-DENSITY GRANULAR MATERIALS.
AD-628 989 19D T 66 08 HC$ 1.00 MF$ 0.50

INFLUENCE OF ELECTRICAL FIELDS ON SHOCK OF DETONATION TRANSITION.
AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50

EXPLOSIVE MATERIALS, PREPARATION
PREPARATION OF ESTERS THROUGH THE USE OF FRIEDEL-CRAFTS CATALYSTS.
PATENT 3,223,725 7C U 41 08

EXPLOSIVE MATERIALS, TEST METHODS
FRICTION PENDULUM.
AD-628 958 19A T 66 08 HC$ 1.60 MF$ 0.50

EXTERIOR BALLISTICS, WIND
BALLISTIC WINDS STUDY.
AD-629 277 19D T 66 08 HC$ 3.60 MF$ 0.50

EXTRATERRESTRIAL RADIO WAVES, ATMOSPHERIC REFRACTION
A STUDY OF SOME PROPERTIES OF DIFFRACTION PATTERNS PRODUCED BY RADIO WAVES FROM ARTIFICIAL SATELLITES.
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50

EYE, AUTONOMIC NERVOUS SYSTEM
DISTRIBUTION OF ADRENERGIC NERVES TO ORBITAL STRUCTURES,
AD-628 740 6P T 66 07

EYE, LIGHT TRANSMISSION
TRANSMISSION OF THE HUMAN EYE.
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50

EYE, MEASUREMENT
ULTRASOUND AND PHAKOMETRY MEASUREMENTS OF THE PRIMATE EYE.
AD-629 079 6C T 66 08 HC$ 2.00

EYE, METABOLISM DISORDERS
AMYLOIDOSIS OF THE EYELID AND CONJUNTIVA,
AD-628 479 6E T 66 07

EYE, MOTION
OCULAR PHENOMENA DURING SYNCHRONIZED AND DESYNCHRONIZED SLEEP (LES PHENOMENES OCULAIRES AU COURS DU SOMMEIL SYNCHRONISE ET DESYNCHRONISE),
AD-628 379 6P T 66 07

AN INVESTIGATION OF VISION DURING INVOLUNTARY SACCADIC EYE MOVEMENTS.
AD-629 078 6P T 66 08 HC$ 2.00 MF$ 0.50

ETUDE DE LA MOTRICITE OCULAIRE AU COURS DE LA PHASE PARADOXALE DU SOMMEIL CHEZ LE CHAT (STUDY OF EYE MOVEMENT DURING THE PARADOXICAL PHASE OF SLEEP IN THE CAT),
AD-629 218 6P T 66 08

EYE, PATHOLOGY
HUMAN ELECTRORETINOGRAPHY AS A GAUGE OF VISUAL PERFORMANCE.
AD-629 737 6P T 66 08 HC$ 2.00 MF$ 0.50

FAILURE(MECHANICS), BALL BEARINGS
BEARING LIFE AND FAILURE DISTRIBUTION AS AFFECTED BY ACTUAL COMPONENT DIFFERENTIAL HARDNESS.
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50

FAILURE(MECHANICS), BENDING
TEST OF A TRUSS-CORE SANDWICH CYLINDER LOADED TO FAILURE IN BENDING.
N66-13021 J20K,U 41 07 HC$ 2.00 MF$ 0.50

FAILURE(MECHANICS), MATERIALS
PRODUCTION AND MEASUREMENT OF A DILATATION LOADING FIELD.
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75

FALLOUT SHELTERS, CONSTRUCTION
FAMILY SHELTER WOOD A-FRAME.
AD-629 736 15C T 66 08 HC$ 1.60 MF$ 0.50

FALLOUT SHELTERS, VENTILATION
SHELTER PACKAGE VENTILATION KIT.
AD-629 633 13A T 66 08 HC$ 4.00 MF$ 0.75

AD-629 634 13A T 66 08 HC$ 1.00 MF$ 0.50

FAST REACTORS, LINEAR ACCELERATORS
ACCELERATOR PULSED FAST ASSEMBLY.
AD-466 666 20G U 41 08 HC$ 3.00 MF$ 0.75

FAST NEUTRONS, DOSIMETERS
DEVELOPMENT OF A HIGH-SENSITIVITY FAST NEUTRON DOSIMETER.
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50

FAST NEUTRONS, INELASTIC SCATTERING
ANGULAR DISTRIBUTION OF GAMMA-RAYS PRODUCED BY FAST NEUTRON INELASTIC SCATTERING IN FE.
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50

FAST NEUTRONS, NEUTRON CROSS SECTIONS
MEASUREMENTS OF FAST NEUTRON CROSS SECTIONS.
MMPP-FRPC-64-2 18K U 41 07 HC$ 3.00 MF$ 0.75

FAST NEUTRONS, NEUTRON TRANSPORT THEORY
COMPUTATION OF FAST NEUTRON PENETRATION IN AIR BY THE SN-METHOD WITH SPECIAL EMPHASIS ON THE USE OF MULTI-TABLE-MULTI- GROUP CROSS SECTION SETS.
LA-3415 20H U 41 08 HC$ 3.00 MF$ 0.75

FAST NEUTRONS, NUCLEAR REACTIONS
REACTION STUDIES WITH FAST NEUTRONS.
NYO-1082-1 20H U 41 07 HC$ 2.00 MF$ 0.50

FAST REACTORS, DESIGN
QUARTERLY TECHNICAL PROGRESS REPORT, AEC UNCLASSIFIED PROGRAMS, JULY-SEPTEMBER 1965.
NAA-SR-11650 18I U 41 08 HC$ 6.00 MF$ 1.25

FAST REACTORS, REACTOR CORES
LARGE FAST REACTOR DESIGN STUDY.
ACNP-65580 18I U 41 07 HC$ 1.00 MF$ 0.50

FAST REACTORS, REACTOR KINETICS
NONLINEAR REACTOR KINETICS.
MMPP-FRPC-64-3 18K U 41 07 HC$ 2.00 MF$ 0.50

FATIGUE(MECHANICS), ARC WELDING
THE FATIGUE AND STATIC PROPERTIES OF BUTT WELDS IN STRUCTURAL STEELS.
AD-628 154 11F T 66 07 MF$ 0.75

FATIGUE(MECHANICS), LAMINATED PLASTICS
EFFECT OF CUMULATIVE DAMAGE ON THE BIAXIAL COMPRESSIVE FATIGUE PERFORMANCE OF FILAMENT WOUND LAMINATES.
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50

FATIGUE(MECHANICS), PLUTONIUM
THE FATIGUE BEHAVIOR OF PU - 1.0 W/O GA DELTA STABILIZED PLUTONIUM.
BNWL-16 11F U 41 07 HC$ 1.00 MF$ 0.50

FATIGUE(MECHANICS), STAINLESS STEEL
INVESTIGATION OF THERMAL-STRESS-FATIGUE BEHAVIOR OF STAINLESS STEELS.
ATL-A-144 11F U 41 07 HC$ 4.00 MF$ 1.00

FATIGUE-CRACK PROPAGATION AND RESIDUAL STATIC STRENGTH OF PH 15-7 MO (TH 1050) STAINLESS STEEL.
N66-13231 11F U 41 07 HC$ 2.00 MF$ 0.50

FATIGUE(MECHANICS), THERMAL STRESSES
INVESTIGATION OF THERMAL-STRESS-FATIGUE BEHAVIOR OF STAINLESS STEELS.
ATL-A-143 11F U 41 07 HC$ 1.00 MF$ 0.50

FATIGUE(PHYSIOLOGY), CENTRAL NERVOUS SYSTEM
FUNCTIONAL FUNDAMENTAL CHARACTERISTICS OF THE NERVOUS SYSTEM IN ATHLETES AND THE EFFECTS OF PERFORMANCE.
AD-629 111 6S T 66 08

FATS, DIET
ADAPTIVE CHANGES IN ENZYME ACTIVITY AND METABOLIC PATHWAYS IN ADIPOSE TISSUE FROM MEAL-FED RATS.
AD-629 329 6A T 66 08

FAULTS(GEOLOGY), OCEAN BOTTOM TOPOGRAPHY
TRANSCURRENT FAULTING IN THE OCEAN FLOOR.
AD-629 142 8J T 66 08

FAULTS(GEOLOGY), THEORY
FAULT PLANE FEATURES: AN ALTERNATIVE EXPLANATION.
AD-628 798 8S T 66 07

FEDERAL BUDGETS, MANAGEMENT PLANNING
TOWARD FEDERAL PROGRAM BUDGETING.
AD-628 095 5C T 66 07 HC$ 2.60 MF$ 0.50

FEED MECHANISMS, BREECH MECHANISMS
CARTRIDGE FEEDING MECHANISM FOR FIXEDBARREL, SLIDE-OPERATED GUNS.
PATENT 3,221,603 19F U 41 07

FERMIONS, GROUND STATE
MULTIPLE-SCATTERING METHODS IN THE THEORY OF SOLIDS.
AD-629 151 20L T 66 08

FERMIONS, STATISTICAL MECHANICS
STATISTICAL MECHANICS OF AN ASSEMBLY OF QUASIPARTICLES.
AD-629 616 20J T 66 08

FERRITES, CRYSTAL STRUCTURE
MIXED-LAYER POLYTYPES RELATED TO MAGNETOPLUMBITE.
AD-628 604 20B T 66 07

FERROMAGNETIC MATERIALS, ELECTRIC FIELDS
A STUDY OF THE EFFECTS OF CRYSTALLINE ELECTRIC FIELDS ON FERROMAGNETS.
AD-629 018 20C T 66 08 HC$ 1.00 MF$ 0.50

FERROMAGNETIC MATERIALS, ELECTRICAL CONDUCTANCE
DOUBLE EXCHANGE FOR POLARONS.
AD-629 062 20C T 66 08

FERROMAGNETIC MATERIALS, ELECTRON SPIN RESONANCE
DISAPPEARANCE OF MAGNETOCRYSTALLINE ANISOTROPY EFFECTS ON SPIN RESONANCE OF YIG.
AD-629 716 20L T 66 08

FERROMAGNETIC MATERIALS, GALLIUM COMPOUNDS
FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03.
AD-629 188 20L T 66 08

FERROMAGNETIC MATERIALS, MICROWAVE EQUIPMENT
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-628 769 9E T 66 07 HC$ 2.60 MF$ 0.50

FERROMAGNETIC MATERIALS, SPIN
EFFECT OF N-SPIN-WAVE INTERACTION ON THE LOW-TEMPERATURE SPONTANEOUS MAGNETIZATION.
AD-629 080 20C T 66 08

FERROMAGNETIC MATERIALS, TRANSPORT PROPERTIES
FIRST ORDER TRANSITIONS IN SIMPLE MAGNETIC SYSTEMS.
AD-629 615 20L T 66 08

FERROMAGNETIC MATERIALS, WAVE TRANSMISSION
MILLIMETER GENERATION AND NONLINEAR PROPAGATION IN FERROMAGNETICS.
AD-402 832 9E U 41 08 HC$ 2.00

FERROMAGNETISM, GREEN'S FUNCTION
APPLICATION OF THE METHOD OF THE TWO-TIME GREEN'S FUNCTION TO THE HEISENBERG FERROMAGNET. II.
AD-628 400 20C T 66 07

FERROMAGNETISM, STATISTICAL MECHANICS
STATISTICAL MECHANICS OF FERROMAGNETISM.
AD-629 504 7D T 66 08

FIBER METALLURGY, TENSILE PROPERTIES
ELEVATED-TEMPERATURE TENSILE PROPERTIES OF ALLOYED TUNGSTEN FIBER COMPOSITES.
N65-35957 11D U 41 07 HC$ 2.00 MF$ 0.50

FIBERS(SYNTHETIC), PREPARATION
NITROGEN-CONTAINING POLYMERS AND PREPARATION OF SAME.
PATENT 3,225,016 11I U 41 08

FIBERS, GLASS TEXTILES
METHOD FOR PRODUCING CONDUCTIVE GLASS FIBER YARN.
PATENT 3,222,149 11E U 41 08

FIBERS, LOAD DISTRIBUTION
STATISTICAL DISTRIBUTION OF THE BREAKING STRENGTH OF A BUNDLE OF CLASSICAL FIBERS.
N66-12147 20K U 41 08 HC$ 1.00 MF$ 0.50

FIELD THEORY, ELEMENTARY PARTICLES
A FIELD-THEORETIC PROOF OF A MODIFIED VERSION OF LEVINSON'S THEOREM.
AD-628 342 20H T 66 07

BORN RECIPROCITY PRINCIPLE AND UNITARY SYMMETRY.
AD-629 183 20H T 66 08

FIELD THEORY, INFORMATION THEORY
QUANTUM FIELD THEORETICAL MODELS OF COMMUNICATION SYSTEMS.
AD-628 711 9D T 66 07 HC$20.80 MF$ 1.25

FIELD THEORY, OPERATORS(MATHEMATICS)
SPONTANEOUS BREAKDOWN OF SYMMETRY IN AXIOMATIC THEORY.
AD-628 739 20J T 66 07

FIELD THEORY, PHOTONS
REGGE POLES IN QUANTUM ELECTRODYNAMICS WITH MASSIVE PHOTONS.
AD-628 288 20H T 66 07

FIELD THEORY, QUANTUM MECHANICS
ON THE NONLINEAR PROPERTIES OF RETARDED PRODUCTS.
AD-628 343 20J T 66 07

HIGH-ORDER LIMIT OF PARA-BOSE AND PARAFERMI FIELDS.
AD-629 041 20J T 66 08

THE QUANTIZATION OF FIELDS WITH MAXIMUM SPIN 3/2 AND THE APPLICATION OF SU12.
AD-629 305 20H T 66 08

FIELD THEORY, SYMPOSIA
REPORT TO THE OFFICE OF NAVAL RESEARCH.
AD-629 014 20J T 66 08 HC$ 3.00 MF$ 0.75

FIELD THEORY, S-MATRIX
RENORMALIZED PERTURBATION SERIES OF ELECTRODYNAMICS FROM S-MATRIX THEORY.
AD-628 409 20J T 66 07

FILAMENT WOUND CONSTRUCTION, LAMINATED PLASTICS
EFFECT OF CUMULATIVE DAMAGE ON THE BIAXIAL COMPRESSIVE FATIGUE PERFORMANCE OF FILAMENT WOUND LAMINATES.
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50

FILARIAE, MAMMALS
EPIZOOTIOLOGIC STUDIES ON FILARIOIDS OF THE RACCOON.
AD-628 476 6C T 66 07

FILM BOILING, HYDROGEN
ZERO-G REPORT. LH2. FILM BOILING.
N66-11241 20M U 41 08 HC$ 1.00 MF$ 0.50

FILMS, DEPOSITION
SILICON MONOXIDE BAFFLED BOX EVAPORATION SOURCE CAPABILITY.
AD-629 706 13H T 66 08 HC$ 2.60 MF$ 0.50

FILMS, JOINING
WELDING OF POLYMER FILMS.
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

FILMS, MAGNETIC PROPERTIES
EFFECT OF SURFACE PINNING ON THE MAGNETIZATION OF THIN FILMS.
AD-629 654 20L T 66 08

FILMS, MICROMINIATURIZATION(ELECTRONICS)
HIGH PERFORMANCE THIN FILMS FOR MICROCIRCUITS (CAPACITORS).
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50

FILMS, OPTICAL ANALYSIS
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS.
AD-629 061 7D T 66 08 HC$ 3.00 MF$ 0.75

FILMS, SUPERCONDUCTORS
DYNAMIC VORTEX EFFECTS IN THIN SUPERCONDUCTORS.
AD-629 460 20C T 66 08

FILMS, VAPOR PLATING
REFINEMENT OF NAFI THIN FILM PRODUCTION TECHNIQUES.
AD-629 274 9A T 66 08 HC$ 2.00 MF$ 0.50

FILTERS(ELECTROMAGNETIC WAVE), CERAMIC MATERIALS
PRODUCTION ENGINEERING MEASURE FOR CERAMIC FILTERS.
AD-629 718 9A T 66 08 HC$ 1.00 MF$ 0.50

FILTERS(ELECTROMAGNETIC WAVE), OPTIMIZATION
SOME APPLICATIONS OF STOCHASTIC DIFFERENTIAL EQUATIONS TO OPTIMAL NONLINEAR FILTERING.
AD-629 271 12B T 66 08

FILTERS(ELECTROMAGNETIC WAVE), TUNED CIRCUITS
VARACTOR-TUNED FILTERS AT MICROWAVE FREQUENCIES.
AD-629 631 9A T 66 08 HC$ 2.00 MF$ 0.50

FINLAND, COMMERCE
FINLAND.
PB-169 269 5C U 41 07 HC$ 6.00 MF$ 1.50

FIRES, MODEL TESTS
THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

FISSION PRODUCTS, ALLOYS
CONSOLIDATION OF LANTHANON FISSION PRODUCTS IN ALLOYS.
ANL-7064 7B U 41 07 HC$ 1.00 MF$ 0.50

FISSION PRODUCTS, GAMMA-RAY SPECTRA
GAMMA-RAY ENERGY PSEUDOSPECTRA FOR U235 FISSION PRODUCTS AND FOR VARIOUS TIMES AFTER FISSION.
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75

FISSION PRODUCTS, RAINFALL
90 SR, 137 CS, AND RADIOACTIVE RARE EARTHS IN ENVIRONMENTAL RAIN AND AIR AT LOS ALAMOS, NEW MEXICO, 1963-1964.
LA-3382 6R U 41 07 HC$ 1.00 MF$ 0.50

FISSION PRODUCTS, RESPIRATION
SELECTIVE SUMMARY OF STUDIES ON THE FISSION PRODUCT INHALATION PROGRAM.
LF-28 18G U 41 08 HC$ 3.50 MF$ 1.50

FLAME PROPAGATION, REACTION KINETICS
FLAME PROPAGATION UNDER CONDITIONS OF AN IGNITION PENINSULA OF HYDROGEN-OXYGEN MIXTURES.
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50

FLAMES, CHEMICAL REACTIONS
DISTRIBUTION OF ENERGY IN THE PRODUCTS OF REACTIONS UNDER FLAME AND RELATED CONDITIONS.
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50

FLAMES, REACTION KINETICS
THEORETICAL AND EXPERIMENTAL STUDY OF REACTION KINETICS IN FLAMES.
AD-628 144 21B T 66 07 HC$ 1.60 MF$ 0.50

FLASHBLINDNESS, ADAPTATION(PHYSIOLOGY)
FLASHBLINDNESS: THE EFFECTS OF PREFLASH ADAPTATION AND PUPIL SIZE.
AD-629 589 6P T 66 08 HC$ 1.00 MF$ 0.50

FLASHBLINDNESS, PILOTS
F-101/F-106 FLIGHT SIMULATOR FLASHBLINDNESS EXPERIMENT.
AD-628 552 6S T 66 07 HC$ 1.60 MF$ 0.50

FLAT PLATE MODELS, SURFACE TEMPERATURES
EQUILIBRIUM, ADIABATIC WALL, AND STAGNATION TEMPERATURES AT ALTITUDES UP TO 100,000 FEET AND MACH NUMBERS UP TO 20.
AD-462 332 1A U 41 07 HC$ 9.60

FLIGHT CONTROL SYSTEMS, AUTOMATIC PILOT
INVESTIGATION OF THE CONCEPT OF DIRECT FLIGHT CONTROL.
AD-628 087 1C T 66 07 HC$ 2.00 MF$ 0.50

FLIGHT INSTRUMENTS, SUPERSONIC FLIGHT
AIRCRAFT INSTRUMENT.
PATENT 3,221,549 1D U 41 07

FLIGHT INSTRUMENTS, TELEVISION DISPLAY SYSTEMS
SIMULATION STUDIES OF AN INTEGRATED ELECTRONIC VERTICAL DISPLAY.
AD-629 157 1D T 66 08 HC$ 9.60 MF$ 0.75

FLIGHT PATHS, PHOTOGRAPHIC RECORDING SYSTEMS
AN EXPERIMENTAL METHOD FOR DETERMINING THE FLIGHT PATH OF LOW-FLYING AIRCRAFT.
AD-629 453 1B T 66 08 HC$ 1.60 MF$ 0.50

FLIGHT PATHS, STATISTICAL ANALYSIS
CAPABILITY GUIDE- TRACKING ACCURACY PREDICTION PROGRAM / TAPP MOD I/.
N66-10662 22C U 41 08 HC$ 4.00 MF$ 1.00

FLIGHT TESTING, SWITCHING CIRCUITS
INVESTIGATION OF CONTACTLESS SWITCHING CONCEPTS FOR APPLICATION TO AIRCRAFT ELECTRICAL SYSTEMS. VOLUME VI. FLIGHT TEST EVALUATION OF A PROTOTYPE CONTACTLESS SWITCHING SYSTEM.
AD-628 581 1C T 66 07 HC$11.60 MF$ 0.75

FLIGHT TESTING, VARYING SWEEP WINGS
FLIGHT INVESTIGATION OF THE AERODYNAMIC PROPERTIES OF AN OGEE WING.
N66-13017 1C U 41 07 HC$ 1.00 MF$ 0.50

FLOW FIELDS, SPHERES
THE FLOW FIELD INDUCED BY AN OSCILLATING SPHERE.
AD-628 452 20D T 66 07

FLOW SEPARATION, AERODYNAMIC CONFIGURATIONS
EFFECT OF VORTEX SEPARATION ON LIFTING BODIES OF ELLIPTIC GROSS SECTION.
AD-628 224 20D T 66 07 HC$12.60 MF$ 1.00

FLOW SEPARATION, CYLINDRICAL BODIES
MEASUREMENT OF VORTEX SEPARATION. PART I: TWO-DIMENSIONAL CIRCULAR AND ELLIPTIC BODIES.
AD-628 578 20D T 66 07 HC$ 3.00 MF$ 0.75

FLOW SEPARATION, HYPERSONIC FLOW
PITOT AND STATIC PRESSURE MEASUREMENTS IN THE SEPARATED REGION OF SPIKED CYLINDER IN HYPERSONIC FLOW.
AD-628 683 20D T 66 07 HC$ 3.00 MF$ 0.75

FLOW SEPARATION, LAMINAR FLOW
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS.
AD-628 182 20D T 66 07 HC$ 3.60 MF$ 0.50

FLUID AMPLIFIERS, ANALOG COMPUTERS
LOW PRESSURE SIGNAL SENSOR AMPLIFIER AND ANALOG COMPUTER USING THE IMPACT MODULATOR AS THE BASIC ACTIVE PURE FLUID DEVICE. PART I. ANALOG COMPUTER.
AD-629 055 13G T 66 08 HC$ 3.00 MF$ 0.75

FLUID AMPLIFIERS, DESIGN
LOW PRESSURE SIGNAL SENSOR AMPLIFIER AND ANALOG COMPUTER USING THE IMPACT MODULATOR AS THE BASIC ACTIVE PURE FLUID DEVICE. PART II. LOW PRESSURE SIGNAL SENSOR AMPLIFIER.
AD-629 056 13G T 66 08 HC$ 1.00 MF$ 0.50

FLUID AMPLIFIERS, MULTIPHASE FLOW
ANALYSIS AND TEST OF SIGNAL TRANSMISSION IN A MULTIPHASE FLUID MIXTURE.
AD-628 676 20D T 66 07 HC$ 2.00 MF$ 0.50

FLUID FLOW, BODIES OF REVOLUTION
ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLOID OF REVOLUTION.
AD-629 577 20D T 66 08 HC$ 2.60 MF$ 0.50

FLUID FLOW, COLLOIDS
UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART IV. HIGH FIELD ELECTROPHORESIS OF SOLID SPHERICAL PARTICLES IN LOW CONDUCTIVITY LIQUIDS.
AD-628 617 20D T 66 07 HC$ 4.00 MF$ 0.75

FLUID FLOW, CONTROL SYSTEMS
UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART V. FLUID PRESSURE TRANSIENTS IN A TAPERED LINE.
AD-628 630 0D T 66 07 HC$ 4.00 MF$ 1.00

FLUID FLOW, CYLINDRICAL BODIES
ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER.
AD-628 811 20D T 66 07 HC$ 2.60 MF$ 0.50

FLUID FLOW, DRAG
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART I. MECHANISM OF DRAG REDUCTION.
AD-628 685 20D T 66 07 HC$ 3.00 MF$ 0.75

FLUID FLOW, ENTROPY

RELATIVISTIC CHARGED FLUID FLOW. I. ENTROPY FORCE TENSOR.
N66-11231 20M U 41 08 HC$ 2.00 MF$ 0.50

FLUID FLOW, HEAT TRANSFER
FLUID VELOCITY PROFILE DEVELOPMENT FOR TURBULENT FLOW IN SMOOTH ANNULI.
N66-11181 20D U 41 08 HC$ 5.00 MF$ 1.00

FLUID FLOW, REACTOR COOLANTS
ETUDE AERODYNAMIQUE DE L'ECOULEMENT FLUIDE DANS UN CANAL DE REACTEUR CHARGE EN ELEMENTS COMBUSTIBLES ANNULAIRES REFROIDIS INTERIEUREMENT ET EXTERIEUREMENT (AERODYNAMIC STUDY OF THE FLUID FLOW IN THE CHANNEL OF A REACTOR FILLED WITH INTERNALLY AND EXTERNALLY COOLED FUEL ELEMENTS).
PB-169 227 18K U 41 08 HC$ 3.00 MF$ 0.75

FLUID FLOW, SCIENTIFIC RESEARCH
NEWS OF INSTITUTIONS OF HIGHER LEARNING. AERONAUTICAL ENGINEERING (COLLECTION OF ARTICLES), NO. 4, 1963.
AD-629 441 1B T 66 08 HC$26.30 MF$ 1.25

FLUID FLOW, SURFACE PROPERTIES
CONTRIBUTIONS TO THE THEORY OF INTERFACIAL RATE PROCESSES IN FLOW SYSTEMS.
AD-628 132 20D T 66 07 HC$ 1.60 MF$ 0.50

FLUID FLOW, TEST EQUIPMENT
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART II. EQUIPMENT FOR DETERMINING FLOW BEHAVIOR.
AD-628 686 20D T 66 07 HC$ 2.00 MF$ 0.50

FLUID FLOW, TURBULENCE
LOCAL TURBULENT HEAT TRANSFER FOR WATER IN ENTRANCE REGIONS OF TUBES WITH VARIOUS UNHEATED STARTING LENGTHS.
N66-10714 20D U 41 07 HC$ 1.00 MF$ 0.50

FLUID MECHANICS, ATMOSPHERIC MOTION
ON THE STABILITY OF BAROCLINIC FLOWS AS A FUNCTIONAL OF THE VELOCITY PROFILE.
AD-629 031 4A T 66 08

FLUID MECHANICS, BOUNDARY VALUE PROBLEMS
SOLUTION OF A NON-LINEAR BOUNDARY VALUE PROBLEM IN FLUID MECHANICS USING A VARIATIONAL METHOD.
AD-629 629 20D T 66 08 HC$ 8.60 MF$ 0.75

FLUID MECHANICS, PLASMA PHYSICS
NONLINEAR EFFECTS IN THE TWO-STREAM INSTABILITY.
AD-628 729 20I T 66 07

FLUID MECHANICS, PROGRAMMING COMPUTERS
THREE DIMENSIONAL POTENTIAL FLOW. COMPUTER PROGRAM.
PB-169 328 R 98,U 41 07 HC$47.00

FLUIDIZED BED PROCESSES, PARTICLES
THE EFFECT OF INTERPARTICLE FORCES ON THE FLUIDIZATION OF FINE PARTICLES.
ANL-7086 7A U 41 08 HC$ 2.00 MF$ 0.50

FLUIDIZED BED PROCESSES, REACTOR FUELS
ACID LEACHING OF PRODUCTS FROM THE FLUIDIZED-BED COMBUSTION OF GRAPHITE-BASE REACTOR FUELS AND THE HF-O 2 DISINTEGRATION OF STAINLESS STEEL-AND ZIRCONIUM-CLAD OXIDE FUELS.
ORNL-3876 7B U 41 07 HC$ 2.00 MF$ 0.50

FLUIDS, CONVECTION(HEAT TRANSFER)
ONSET OF CONVECTION IN A LAYER OF FLUID COOLED FROM ABOVE.
AD-629 137 20M T 66 08

FLUORESCENCE, ACRIDINES
PHOTOREACTIVE STATE OF ACRIDINE IN SOLUTION.
AD-629 489 7E T 66 08

FLUORESCENCE, ALKALI METALS
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. III. ENERGY TRANSFER IN CESIUM-CESIUM COLLISIONS.
AD-629 065 7E T 66 08

FLUORESCENCE, INTENSITY
SELECTIVE ENHANCEMENT OF FLUORESCENCE FROM SOME RARE-EARTH SALTS IN SOLUTION.
AD-628 585 7D T 66 07

FLUORESCENCE, VANADIUM
THERMAL EFFECTS ON THE FLUORESCENCE LIFETIME AND SPECTRUM OF MGO:V(2+).
AD-629 266 20L T 66 08

FLUORESCENCE, VAPORS
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. IV. ENERGY TRANSFER IN RUBIDIUM -RUBIDIUM COLLISIONS.
AD-628 744 7E T 66 07

FLUORESCENT ANTIBODY TECHNIQUES, BIBLIOGRAPHIES
IMMUNOFLUORESCENCE, AN ANNOTATED BIBLIOGRAPHY. III. STUDIES OF FUNGI, METAZOA, PROTOZOA, AND RICKETTSIAE.
AD-628 666 6M T 66 07 HC$ 2.00 MF$ 0.50

FLUORIDES, CHEMICAL REACTIONS
THE CLEAVAGE OF PHOSPHORUS TO NITROGEN BONDS WITH HYDROGEN FLUORIDE.
AD-629 744 7C T 66 08

FLUORINE, ATOMIC SPECTROSCOPY
DOSAGE DU CHLORE ET DU FLUOR PAR SPECTROGRAPHIE D'EMISSION EN ATMOSPHERE INERTE (SPECTROGRAPHIC DETERMINATION OF CHLORINE AND FLUORINE).
PB-169 229 7D U 41 08 HC$ 2.00 MF$ 0.50

FLUORINE, CHEMICAL REACTIONS
A STUDY OF THE HYDROGEN-FLUORINE REACTION.
AD-628 923 7B T 66 08 HC$ 1.10 MF$ 0.50

FLUORINE, COLOR CENTERS
TRAPPED HOLE CENTER CONTAINING FLUORINE IN MAGNESIUM OXIDE.
AD-629 661 20L T 66 08

FLUORINE, DIFFUSION
MEASUREMENT BY NMR OF THE DIFFUSION RATE OF HF IN ICE.
AD-629 656 7D T 66 08

FLUORINE, MICROANALYSIS
MATERIALS ANALYTICAL RESEARCH.
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50

FLUTTER, CYLINDRICAL BODIES
UNTERSUCHUNGEN UBER DAS FLATTERN EINES DUNNWANDIGEN, KREISRUNDEN ZYLINDERS ENDLICHER LANGE IN UBERSCHALLSTROMUNG (INVESTIGATION IN FLUTTER OF THIN WALL CIRCULAR CYLINDERS OF FINITE LENGTH IN SUPERSONIC STREAMS).
AD-629 625 20D T 66 08

FLUTTER, PANELS(STRUCTURAL)
SUPERSONIC FLUTTER OF A THERMALLY STRESSED FLAT PANEL WITH UNIFORM EDGE LOADS.
N65-35958 1A U 41 07 HC$ 1.00 MF$ 0.50

FOAMS, SHOCK(MECHANICS)
SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

FOAMS, SULFUR
DEVELOPMENT OF EQUIPMENT AND PROCEDURES FOR PRODUCING LARGE QUANTITIES OF FOAMED SULPHUR IN THE FIELD.
AD-628 064 11G T 66 07 HC$ 1.00 MF$ 0.50

FOCUSING, AUTOMATIC
SELF-FOCUSING OF OPTICAL BEAMS.
AD-628 563 20F T 66 07

FOCUSING, MECHANICAL WAVES
SELECTED STUDIES IN MICROWAVE ACOUSTICS.
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50

FOOD, BINDERS
ALL PURPOSE MATRICES FOR COMPRESSED FOOD BARS.
AD-628 377 6H T 66 07 HC$ 4.00 MF$ 1.00

FOOD, FREEZE DRYING
A CONFERENCE ON SUBLIMATION DRYING OF FOOD PRODUCTS.
AD-628 429 6H T 66 07 HC$ 1.00 MF$ 0.50

FOOD, PASTEURIZATION
RADIATION PASTEURIZATION OF FOODS.
CONF-651024 6H U 41 08 HC$ 6.00 MF$ 1.25

FORESTRY, ECOLOGY
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. III. VEGETATION OF NEOTOMA.
TID-21515 6F U 41 08 HC$ 4.00 MF$ 1.25

FORMALDEHYDE, TEXTILES
BISCARBAMATE-FORMALDEHYDE ADDUCTS.
PATENT 3,226,428 11F U 41 08

FORMALDEHYDE, TEXTILES
WATER SOLUBLE CARBAMATE-FORMALDEHYDE CONDENSATE.
PATENT 3,219,632 11E U 41 07

FORMIC ACIDS, CHEMICAL ANALYSIS
USE OF A PURIFIED BACTERIAL FORMATE DEHYDROGENASE FOR THE MICRO-ESTIMATION OF FORMATE.
AD-628 821 6A T 66 07

FORTIFICATIONS, NUCLEAR WARFARE
RED STAR SERIES ON ATOMIC WEAPONS AND ANTIATOMIC DEFENSE. PART V. ENGINEERING PREPARATION OF THE TERRAIN.
AD-628 726 15F T 66 07 HC$ 1.10 MF$ 0.50

FOUNDATIONS(STRUCTURES), HYDRODYNAMICS
ANALYSIS OF WAVE FORCES ON A 30-INCH DIAMETER PILE UNDER CONFUSED SEA CONDITIONS.
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75

FOURIER ANALYSIS, ELECTROMAGNETIC FIELDS
A FOURIER THEOREM AND ITS APPLICATION TO THE MEASUREMENT OF ELECTROMAGNETIC FIELDS AND QUANTUM MECHANICAL STATES.
AD-407 604 20C U 41 07 HC$ 1.00

FOURIER ANALYSIS, SEISMOLOGY
REVISION OF FOURIER ANALYSIS AND SYNTHESIS PROGRAMS.
PB-169 335 8K U 41 08 HC$ 1.60 MF$ 0.50

FRACTURE(MECHANICS), ALUMINUM ALLOYS
CRACK RESISTANCE PROPERTIES OF HIGH STRENGTH ALUMINUM ALLOYS.
AD-629 105 11F T 66 08 HC$ 3.00 MF$ 0.75

FRACTURE(MECHANICS), BRITTLENESS
FRACTURE MECHANICS: A BASIS FOR BRITTLE FRACTURE PREVENTION.
AD-629 436 20K T 66 08 HC$ 3.00 MF$ 0.75

FRACTURE(MECHANICS), MATERIALS
PRODUCTION AND MEASUREMENT OF A DILATATION LOADING FIELD.
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75

FRACTURE(MECHANICS), TITANIUM ALLOYS
FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CB-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

FRACTURE(MECHANICS), WAVEGUIDE WINDOWS
THERMAL CRACKING OF WAVEGUIDE WINDOWS.
AD-628 907 9A T 66 08 HC$ 1.60 MF$ 0.50

FRAGMENTATION, EXPLOSIONS
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS.
AD-628 915 19D T 66 08 HC$ 1.10 MF$ 0.50

FREE FALL MISSILES, BALLISTICS
RESULTS AND CONCLUSIONS OF THE JOINT R.A.E/W.R.E. RESEARCH PROGRAMME ON THE FLIGHT DYNAMICS AND BALLISTIC CONSISTENCY OF FREELY FALLING CRUCIFORM FINS,
PB-169 224 19B U 41 07 HC$ 4.00 MF$ 1.00

FREE RADICALS, ABSORPTION SPECTRUM
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

FREE RADICALS, ALDEHYDES
INVESTIGATION OF THE ROLE OF FREE RADICALS IN THE ACETALDEHYDE POLYMERIZATION PROCESS IN THE SOLID PHASE UNDER GAMMA-IRRADIATION,
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50

FREE RADICALS, CHEMICAL PROPERTIES
THE CHEMISTRY OF THE RADICAL ANION OF TETRAPHENYLETHYLENE,
AD-628 622 7C T 66 07

FREE RADICALS, PHOTOCHEMISTRY
AN INVESTIGATION OF PHOTOCHEMICALLY GENERATED FREE RADICALS FROM PERINAPHTHENONES.
AD-629 479 7E T 66 08 HC$ 6.00 MF$ 1.25

FREE RADICALS, POLYCYCLIC COMPOUNDS
HYDROCARBON DIANION RADICALS,
AD-629 549 7C T 66 08

FREEZE DRYING, FOOD
A CONFERENCE ON SUBLIMATION DRYING OF FOOD PRODUCTS,
AD-628 429 6H T 66 07 HC$ 1.00 MF$ 0.50

FREQUENCY CONVERTERS, BATTERIES + COMPONENTS
SOLID STATE AMPERE HOUR INTEGRATOR,
N66-11205 14B U 41 08 HC$ 1.00 MF$ 0.50

FREQUENCY CONVERTERS, THEORY
STUDY OF SHORT TERM PHASE STABILITY.
N66-10889 9C U 41 08 HC$ 1.00 MF$ 0.50

FREQUENCY MODULATION, PARTICLE ACCELERATOR TECHNIQUES
FREQUENCY MODULATION OF LARGE CAVITIES.
AD-629 025 20G T 66 08

FREQUENCY STABILIZERS, STANDARDS
SHORT-TERM FREQUENCY STABILITY.
N66-10381 - N66-10407 17I U 41 07 HC$ 1.75 MF$ 1.50

FREQUENCY, TEST EQUIPMENT(ELECTRONICS)
MEASUREMENT OF FREQUENCY DEVIATION,
AD-628 415 14B T 66 07 HC$ 1.00 MF$ 0.50

FRICTION, ROLLER BEARINGS
A BASIC STUDY OF THE SLIDING CONTACTS IN ROLLING BEARINGS.
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50

FRICTION, TEST METHODS
INVESTIGATION OF THE COEFFICIENT OF FRICTION OF VARIOUS GREASES AND DRY FILM LUBRICANTS AT ULTRA HIGH LOADS FOR THE SATURN HOLD DOWN ARMS,
N66-10669 11H U 41 08 HC$ 2.00 MF$ 0.50

FRIEDEL CRAFTS REACTIONS, CATALYSIS
CO-CATALYSIS IN FRIEDEL CRAFTS REACTIONS. PART IX. POLYMERISATION OF PROPENE BY BORON FLUORIDE-METHANOL,
AD-629 751 7C T 66 08

FRIEDEL-CRAFTS REACTIONS, ESTERS
PREPARATION OF ESTERS THROUGH THE USE OF FRIEDEL-CRAFTS CATALYSTS.
PATENT 3,223,725 7C U 41 08

FRIEDEL-CRAFTS REACTIONS, CATALYSIS
CO-CATALYSIS IN FRIEDEL-CRAFTS REACTIONS. PART X. INTERACTION BETWEEN BORON TRIFLUORIDE AND ALKYL FLUORIDES.
AD-629 750 7C T 66 08

FUEL CELLS, ELECTRODES
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGENOXYGEN FUEL CELLS.
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50

FUEL CELLS, CATALYSIS
DIRECT ENERGY CONVERSION SYSTEMS. PART II. ELECTROCATALYTIC ACTIVITY OF HYDRAZINE IN FUEL CELL APPLICATION.
AD-628 529 10A T 66 07 HC$ 3.00 MF$ 0.50

FUEL CELLS, CATHODES
REVERSIBLE OXYGEN ELECTRODES.
AD-628 171 10P T 66 07 HC$ 3.60 MF$ 0.50

FUEL CELLS, DESIGN
DESIGN OF HYDROGEN-OXYGEN CAPILLARY TYPE FUEL CELL.
AD-628 129 10A T 66 07 HC$ 2.60 MF$ 0.50

FUEL CELLS, ELECTRODES
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-628 071 10B T 66 07 HC$ 4.00 MF$ 0.75

FUEL CELLS, GAS GENERATING SYSTEMS
MINIATURE HYDROGEN GENERATOR.
AD-628 499 10B T 66 07 HC$ 4.60 MF$ 0.75

FUEL CELLS, HYDRAZINE
60-WATT HYDRAZINE-AIR FUEL CELL SYSTEM.
AD-629 220 10B T 66 08 HC$ 5.60 MF$ 0.50

FUEL CELLS, OXIDATION-REDUCTION REACTIONS
OXIDATION OF HYDROGEN ON NICKEL ELECTRODES IN SODIUM HYDROXIDE SOLUTION.
AD-628 250 7B T 66 07

FUEL CELLS, PERFORMANCE(ENGINEERING)
STUDY PROGRAM TO IMPROVE FUEL CELL PERFORMANCE BY PULSING TECHNIQUES.
N66-12168 10B U 41 08 HC$ 3.00 MF$ 0.75

FUEL CELLS, POWER SUPPLIES
500-WATT FUEL-CELL POWER PLANT.
AD-628 159 10B T 66 07 HC$ 4.60 MF$ 0.50

FUEL CONSUMPTION, JET FIGHTERS
A COST ESTIMATING RELATIONSHIP FOR PETROLEUM-OIL-LUBRICANTS COSTS.
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75

FUEL SYSTEMS, DESIGN
DAMPED OSCILLATIONS IN A CONNECTED FLUID SYSTEM,
AD-629 275 13D T 66 08 HC$ 1.60 MF$ 0.50

FUEL TANKS, SLOSHING
SLOSHING OF LIQUIDS IN CYLINDRICAL TANKS OF ELLIPTIC CROSS-SECTION.
AD-629 284 20D T 66 08 HC$ 2.60 MF$ 0.50

FUNCTIONAL ANALYSIS, COMPLEX NUMBERS
NON-ASSOCIATIVE NORMED ALGERRAS AND HURWITZ' PROBLEM,
AD-629 618 12A T 66 08

HILBERT ALGEBRAS WITH IDENTITY,
AD-629 621 12A T 66 08

FUNCTIONAL ANALYSIS, DIFFERENTIAL EQUATIONS
UNBOUNDED SOLUTIONS OF A SECOND-ORDER DIFFERENTIAL EQUATION WITH NON-NEGATIVE DAMPING,
AD-629 270 12A T 66 08

SUFFICIENT CONDITIONS FOR STABILITY AND INSTABILITY OF AUTONOMOUS FUNCTIONAL-DIFFERENTIAL EQUATIONS,
AD-629 446 12A T 66 08

FUNCTIONAL ANALYSIS, INTEGRAL TRANSFORMS
ON FUNCTIONS WITH FOURIER TRANSFORMS IN L(P),
AD-629 619 12A T 66 08

FUNCTIONAL ANALYSIS, ITERATIVE METHODS
ASYMPTOTIC BEHAVIOR OF SUCCESSIVE ITERATES OF CONTINUOUS FUNCTIONS UNDER A MARKOV OPERATOR,
AD-628 438 12A T 66 07

FUNCTIONAL ANALYSIS, NONLINEAR DIFFERENTIAL EQUATIONS
INVERTING NONLINEAR DIFFERENTIAL SYSTEMS WITH INITIAL CONDITIONS,
AD-629 399 12A T 66 08

FUNCTIONAL ANALYSIS, POTENTIAL THEORY
INTEGRAL REPRESENTATIONS FOR HARMONIC FUNCTIONS IN THREE REAL VARIABLES,
AD-628 524 12A T 66 07

FUNCTIONS, ALGEBRA
SUBFIELDS THAT ARE ALGEBRAICALLY CLOSED IN THE FIELD OF ALL MEROMORPHIC FUNCTIONS,
AD-629 687 12A T 66 08

FUNCTIONS, APPROXIMATION(MATHEMATICS)
INTERPOLATION AND APPROXIMATION WITH RATIONAL FUNCTIONS,
AD-628 397 12A T 66 07

FUNCTIONS, CONTROL SYSTEMS
ON SYSTEM FUNCTIONS WITH THE PROPERTY OF SEPARABILITY,
AD-628 696 12B T 66 07

DUAL DYNAMICAL SYSTEMS AND THEIR REPRESENTATION BY SYSTEM FUNCTION.
AD-628 704 12B T 66 07

FUNCTIONS, ERRORS
OPTIMUM QUANTIZATIONS,
N66-11209 9F U 41 08 HC$ 2.00 MF$ 0.50

FUNCTIONS, GROUPS(MATHEMATICS)
TRANSLATION-INVARIANT CONES OF FUNCTIONS ON SEMI-SIMPLE LIE GROUPS,
AD-629 600 12A T 66 08

FUNCTIONS, INTEGRALS
A NOTE ON INDEFINITE INTEGRALS,
AD-628 090 12A T 66 07

FUNCTIONS, SEQUENCES
SUMS OF DEFICIENCIES OF MEROMORPHIC FUNCTIONS,
AD-629 029 12A T 66 08

FUNCTIONS, SERIES
NEW EIGENFUNCTION EXPANSIONS AND ALTERNA- TIVE REPRESENTATIONS FOR THE REDUCED WAVE EQUATION,
AD-629 649 12A T 66 08

FUNCTIONS, THEORY
ENTIRE AND MEROMORPHIC FUNCTIONS WITH ASYMPTOTICALLY PRESCRIBED CHARACTERISTIC,

AD-629 028 12A T 66 08

FUNCTIONS, TOPOLOGY
GENERALIZATION OF THE CONCEPT OF CONTINUOUS FUNCTION AND HOMEOMORPHISM.
AD-629 604 12A T 66 08

FUNGICIDES, QUINOLINES
N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,708 6O U 41 08

FUNGICIDES, CLATHERATE COMPOUNDS
UREA INCLUSION COMPOUNDS OF N-ALKYL OXIRANES.
PATENT 3,219,654 6F U 41 07

FUNGI, CULTURE MEDIA
PRODUCTION OF BETA-CAROTENE.
PATENT 3,226,302 7A U 41 08

FUNGI, CORNEA
MYCOTIC KERATITIS.
AD-629 341 E T 66 08

FUNGI, CYTOCHEMISTRY
RESEARCH ON CELL WALL CYTOCHEMISTRY OF SELECTED FUNGI.
AD-628 045 6A T 66 07 HC$ 3.00 MF$ 0.75

FURANS, POLYMERIZATION
THE EFFECT OF DIELECTRIC CONSTANT ON THE RATE OF ANIONIC POLYMERIZATION.
AD-629 742 7C T 66 08

GALAXIES, RADIO ASTRONOMY
OCCULTATION OF TAURUS-A BY THE SOLAR CORONA AT 430 MC/S IN JUNE 1964.
AD-629 338 3B T 66 08

OBSERVATIONS OF THE SIX MOST INTENSE RADIO SOURCES WITH A 1.0° FAN BEAM.
AD-629 366 3B T 66 08

GALAXIES, X RAYS
THE DISTRIBUTION OF X-RAY SOURCES IN THE GALAXY.
AD-628 471 4B T 66 07

GALLIUM ALLOYS, ARSENIC ALLOYS
OPTICAL ABSORPTION IN AN ELECTRIC FIELD IN SEMI-INSULATING GALLIUM ARSENIDE.
AD-629 150 20L T 66 08

GALLIUM ALLOYS, SPECTROPHOTOMETERS
SPECTROPHOTOMETRIC DETERMINATION OF GALLIUM IN PLUTONIUM-GALLIUM ALLOY.
NBL-228 7D U 41 08 HC$ 1.00 MF$ 0.50

GALLIUM COMPOUNDS, ARSENIDES
OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM POWER OUTPUT.
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50

GALLIUM COMPOUNDS, FERROMAGNETIC MATERIALS
FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03.
AD-629 188 20L T 66 08

GALLIUM COMPOUNDS, PHOSPHIDES
FUNDAMENTAL STUDIES OF THE METALLURGICAL, ELECTRICAL, AND OPTICAL PROPERTIES OF GALLIUM PHOSPHIDE.
N66-10775 20L U 41 08 HC$ 2.00 MF$ 0.50

GALLIUM, SEMICONDUCTORS
VAPOR TRANSPORT AND THERMODYNAMIC EQUILIBRIA IN THE GERMANIUM-GALLIUM-IODINE SYSTEM.
AD-629 291 20L T 66 08

GAME THEORY, BARGAINING
THE INEQUALITIES THAT DETERMINE THE BARGAINING SET M1(I).
AD-628 067 12B T 66 07 HC$ 1.00 MF$ 0.50

THE STRUCTURE OF THE KERNEL OF A COOPERATIVE GAME.
AD-628 172 12B T 66 07 HC$ 6.60 MF$ 0.75

GAME THEORY, DECISION MAKING
COHERENT BIDDING STRATEGIES AND COMPETITIVE BEHAVIOR.
AD-629 520 12B T 66 08 HC$ 2.60 MF$ 0.50

GAME THEORY, ECONOMICS
SOME RECTANGULAR GAMES WITH A TWO-MAN TEAM.
AD-629 521 12B T 66 08 HC$ 3.60 MF$ 0.50

GAME THEORY, MATRIX ALGEBRA
ON DIRECT SUMS AND TENSOR PRODUCTS OF LINEAR PROGRAMS.
AD-629 487 12B T 66 08

GAME THEORY, SYSTEMS ENGINEERING
APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF SYSTEMS WITH OPTIMAL CONTROLLER STRUCTURES.
AD-628 296 12B T 66 07 HC$ 1.60 MF$ 0.50

GAME THEORY, WARFARE
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES.
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

GAMMA RAYS, SILICON
EFFECTS OF GAMMA RADIATION ON SCR'S USED IN SWITCHING MODE AND IN APPLICATION TO ATTITUDE CONTROL MOTOR DRIVE BRIDGE.
N66-11201 9A U 41 08 HC$ 1.00 MF$ 0.50

GAMMA COUNTERS, SEMICONDUCTOR DEVICES
DESIGN CRITERIA FOR WIDE RANGE GAMMA RADIACS USING SEMICONDUCTOR DIODE DETECTORS.
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50

GAMMA RAYS, RADIOACTIVE FALLOUT
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

AD-629 217 18F T 66 08 HC$ 1.60 MF$ 0.50

GAMMA-RAY SPECTRA, MATHEMATICAL ANALYSIS
GAMMA-RAY ENERGY PSEUDOSPECTRA FOR U235 FISSION PRODUCTS AND FOR VARIOUS TIMES AFTER FISSION.
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75

GAMMA-RAY SPECTRA, REACTOR SHIELDING MATERIALS
MEASURED GAMMA SPECTRA BEHIND VARIOUS THICKNESSES OF BERYLLIUM, BERYLLIUM OXIDE, AND LITHIUM HYDRIDE.
APEX-700 18J U 41 08 HC$ 3.00 MF$ 1.00

GAMMA-RAY SPECTROSCOPY, SOLIDS
MODERN SPECTROSCOPY OF SOLIDS.
AD-629 030 20F T 66 08

GARNETS, CRYSTAL STRUCTURE
OXYGEN COORDINATES OF COMPOUNDS WITH GARNET STRUCTURE.
AD-629 713 20B T 66 08

GAS ANALYSIS, HUMANS
DETECTION AND IDENTIFICATION OF CHEMICAL SIGNATURES.
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75

GAS ANALYSIS, SAMPLING
CHEMICAL SCAVENGER PROBES IN NONEQUILIBRIUM GASDYNAMICS.
AD-629 248 20D T 66 08

GAS ANALYSIS, STANDARDS
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JULY 1964 TO JUNE 1965.
C13.46-275 7D U 41 07 MF$ 0.75

GAS BEARINGS, DEFORMATION
DISTORTION OF GAS THRUST BEARING DUE TO VISCOUS SHEAR.
AD-629 038 13I T 66 08 HC$ 2.00 MF$ 0.50

GAS BEARINGS, GYROSCOPES
G G159 MINIATURE INTEGRATING GYRO STERILIZATION EXPOSURE STUDIES AT 300 DEG F.
N66-10616 14B U 41 08 HC$ 3.00 MF$ 0.75

GAS CHROMATOGRA PHY, SEA WATER
STATISTICAL EVALUATION OF GAS CHROMATOGRAPHY FOR THE DETERMINATION OF DISSOLVED GASES IN SEA WATER.
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50

GAS CHROMATOGRAPHY, LUBRI CANTS
ANALYSIS FOR ACYL COMPONENTS OF NEOPENTYL POLYOL ESTER LUBRICANTS.
AD-628 914 11H T 66 08 HC$ 1.00 MF$ 0.50

GAS DIS CHARGES, LASERS
COLLISION LASERS.
AD-629 159 20E T 66 08

GAS DISCHARGES, ANALYSIS
EXPERIMENTAL DETERMINATION OF ION EXCITATION ENERGIES AND DENSITIES IN A LOW PRESSURE DISCHARGE.
AD-628 795 20I T 66 07 HC$ 2.00 MF$ 0.50

GAS DISCHARGES, GAS FLOW
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

GAS DISCHARGES, LASERS
STRONG 3.27-UPSILON LASER OSCILLATION IN XENON.
AD-629 161 20E T 66 08

GAS DISCHARGES, MICROWAVE EQUIPMENT
INVESTIGATION OF HIGH POWER GASEOUS ELECTRONICS.
AD-629 537 20I T 66 08 HC$ 3.00 MF$ 0.75

GAS DISCHARGES, PLASMA MEDIUM
FLOWING GAS DISCHARGES IN POTASSIUM AND MERCURY.
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50

GAS FILTERS, GAS TURBINES
AUTOMATICALLY CLEANED FILTER FOR 3400 CFM GAS TURBINE.
AD-628 235 13K T 66 07 HC$ 2.60 MF$ 0.50

GAS FLOW, DENSITY
ON THE ESTABLISHMENT OF DENSITY PROFILE FOR THE FLOW OF A TWO-FLUID SINGLE PHASE GAS MIXTURE.
N65-35963 20D U 41 07 HC$ 1.00 MF$ 0.50

GAS FLOW, ELECTRIC ARCS
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

GAS FLOW, TRANSPORT PROPERTIES
ON THE TRANSPORT PHENOMENA IN RARIFIED GASES.
AD-629 213 20D T 66 08 HC$ 2.60 MF$ 0.50

GAS GENERATING SYSTEMS, HYDROGEN
MINIATURE HYDROGEN GENERATOR.
AD-628 499 10B T 66 07 HC$ 4.60 MF$ 0.75

GAS GENERATOR ENGINES, PROPULSION
GENERANT CONTROLLER DEVELOPMENT FOR THE ADVANCED LIQUID PROPULSION SYSTEM/ALPS/.
N66-10650 21H U 41 08 HC$ 2.00 MF$ 0.50

GAS IONIZATION, DETONATIONS
DETONATION-GENERATED IONIZATION WAVES AT REDUCED PRESSURES.
AD-629 238 19D T 66 08 HC$ 2.00 MF$ 0.50

GAS IONIZATION, EXPLOSION EFFECTS
ORIGIN OF DETONATION-GENERATED IONIZATION WAVES,
AD-629 231 19D T 66 08 HC$ 2.00 MF$ 0.50

GAS IONIZATION, HYDROGEN
AUTOIONIZATION STATES OF H(-) BELOW THE N=2 LEVEL OF H,
AD-628 239 7D T 66 07

GAS IONIZATION, NEON
MAGNETIC INTERACTION EXPERIMENTS WITH SHOCK IONIZED NEON,
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50

GAS IONIZATION, POTENTIAL THEORY
MULTIPHOTON IONIZATION OF RARE GAS AND HYDROGEN ATOMS,
AD-628 724 7E T 66 07

GAS TURBINE BLADES, TEMPERATURE
AN ASYMPTOTE SOLUTION TO THE PROBLEM OF DETERMINING THE TEMPERATURE OF GAS TURBINE BLADES,
AD-629 227 21E T 66 08 HC$ 1.00 MF$ 0.50

GAS TURBINES, COMBUSTION CHAMBERS
ON THE APPROXIMATE MODELING OF COMBUSTION CHAMBERS OF GAS TURBINES ON NATURAL GAS,
AD-629 474 21E T 66 08 HC$ 1.60 MF$ 0.50

GASES, COOLING
TRANSIENT COOLING OF A SPHERICAL MASS OF HIGH-TEMPERATURE GAS BY THERMAL RADIATION,
AD-629 420 20M T 66 08

GASES, HELIUM
TRANSPORT PROPERTIES OF GASEOUS HE 3 AND HE 4,
IMP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50

GASES, HIGH-TEMPERATURE RESEARCH
THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES.
AD-628 082 7D T 66 07 HC$ 1.00 MF$ 0.50

THEORETICAL RESEARCH ON THERMODYNAMIC AND TRANSPORT PROPERTIES OF GASES AT HIGH TEMPERATURES.
AD-628 911 20I T 66 08 HC$ 1.00 MF$ 0.50

GASES, MIXTURES
DATA COMPARISONS AND PHOTOGRAPHIC OBSERVATIONS OF COAXIAL MIXING OF DISSIMILAR GASES AT NEARLY EQUAL STREAM VELOCITIES,
N66-12143 20D U 41 08 HC$ 1.00 MF$ 0.50

GASES, MOLECULAR ASSOCIATION
DETERMINATION AND ASSESSMENT OF MORSE POTENTIAL FUNCTIONS FOR SOME NONPOLAR GASES.
AD-628 480 7D T 66 07

GASES, STATISTICAL MECHANICS
DIRECT DETERMINATION OF THE INTERMOLECULAR POTENTIAL FUNCTION FOR ARGON FROM X-RAY SCATTERING DATA,
AD-629 251 7D T 66 08

GASES, THERMAL PROPERTIES
HIGH-TEMPERATURE THERMAL PROPERTIES OF GASES AND VAPORS. PROGRESS REPORT, 1964/65,
CU-2660-16 20M U 41 08 HC$ 1.00 MF$ 0.50

GASES, VISCOSITY
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

GASTROINTESTINAL SYSTEM, SURGERY
THE MECHANICAL TANTALUM SUTURE IN GASTRIC RESECTIONS,
AD-628 047 6L T 66 07 HC$ 3.00 MF$ 0.75

GASTROPODA, DISEASE VECTORS
ZOOPHILIC SCHISTOSOMIASIS WITH A REPORT OF A NEW LOCALITY ON TAIWAN.
AD-629 099 6C T 66 08

GAS-COOLED REACTORS, REACTOR FUEL ELEMENTS
CERAMIC-MATRIX-TYPE FUEL ELEMENT WITH GRAPHITE FABRIC AFFIXED TO EXTERIOR SURFACE.
PATENT 3,224,944 18J U 41 08

GAS-COOLED REACTORS, CARBON DIOXIDE
LE CO2 DE REFROIDISSEMENT DES REACTEURS G 2/G 3 FUITES, ANALYSE, ACTIVITE (THE CO2 COOLING GAS FOR THE REACTORS G2/G3 (LEAKING, ANALYSIS, ACTIVITY)),
PB-169 228 18K U 41 08 HC$ 3.00 MF$ 0.75

GAS-COOLED REACTORS, HEALTH PHYSICS
RADIOLOGICAL HEALTH MANUAL FOR THE EXPERIMENTAL GAS-COOLED REACTOR. RADIATION PROTECTION STANDARDS AND REGULATIONS.
EGCR-4 6R U 41 07 HC$ 1.00 MF$ 0.50

GAS-COOLED REACTORS, THERMAL ANALYSIS
SWISSCHEESE. A 7090 FORTRAN IV CODE FOR THERMAL-HYDRAULIC ANALYSIS OF GAS-COOLED NUCLEAR REACTORS,
BNWL-147 9B U 41 08 HC$ 3.00 MF$ 0.75

GATE VALVES, IRRIGATION SYSTEMS
AUTOMATIC IRRIGATION GATE.
PATENT 3,217,497 13K U 41 07

GEARS, LUBRICATION
STUDY OF HELICOPTER GEAR LUBRICATION,
AD-628 446 11H T 66 07 HC$ 2.60 MF$ 0.50

GELATINS, MECHANICAL PROPERTIES
STRUCTURAL-MECHANICAL PROPERTIES OF STARCH PASTES,
AD-628 419 6N T 66 07 HC$ 1.00 MF$ 0.50

GENERATORS, ALTERNATING CURRENT
587 - KVA 24,000-RPM ALTERNATOR. PART NO. 546136-1-1.
AD-629 562 10B T 66 08 HC$ 4.60 MF$ 0.50

GENERATORS, BIBLIOGRAPHIES
ELECTROMAGNETIC AND ELECTROSTATIC GENERATORS: ANNOTATED BIBLIOGRAPHY,
AD-629 476 10B T 66 08 HC$ 2.00 MF$ 0.50

GENETICS, BACTERIOPHAGES
GENETIC REPLICATION AND MACROMOLECULAR SYNTHESIS IN TEMPERATE BACTERIOPHAGES.
AD-628 325 6M T 66 07 HC$ 1.60 MF$ 0.50

GEODESICS, GRAVITY
RESEARCH ON METHODS OF DETERMINING LEVEL SURFACES OF THE EARTH'S GRAVITY FIELD.
AD-628 797 8E T 66 07 HC$ 2.60 MF$ 0.50

GEODESICS, PHOTOGRAMMETRY
SIMULATIONS OF GEODETIC POSITIONING BY THE METHOD OF CONTINUOUS TRACES.
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50

GEOGRAPHY, ASIA
THE PHYSIOOGEOGRAPHIC ZONING OF THE IRRIGABLE AREA OF CENTRAL ASIA,
AD-628 530 8F T 66 07 HC$ 1.00 MF$ 0.50

GEOGRAPHY, SYMPOSIA
NEWS ITEMS (CONGRESS OF GEOGRAPHERS OF THE UKRANIAN SSR (1ST)),
AD-628 847 8F T 66 07 HC$ 1.00 MF$ 0.50

GEOGRAPHY, TROPICAL REGIONS
SAVANNAS: A REVIEW OF A MAJOR RESEARCH PROBLEM IN TROPICAL GEOGRAPHY. THE INTERIOR OF BRITISH GUIANA AND THE MYTH OF EL DORADO.
AD-629 402 8F T 66 08

GEOGRAPHY, USSR
CONCERNING THE HISTORY OF ZONING OF RUSSIA,
AD-628 532 8F T 66 07 HC$ 1.00 MF$ 0.50

TASHKENT IN THE SIXTH FIVE-YEAR PLAN,
AD-628 840 8F T 66 07 HC$ 1.10 MF$ 0.50

DEVELOPMENT OF INTERNATIONAL TIES IN THE FIELD OF GEOGRAPHY AND PREPARATION FOR THE INTERNATIONAL GEOGRAPHIC CONGRESS (20TH),
AD-628 841 8F T 66 07 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF PRODUCTIVE CAPACITY IN ECONOMIC REGIONS OF THE USSR (INTEGRATED EXPLOITATION OF NATURAL RESOURCES IN THE NORTHERN PART OF THE OB' BASIN),
AD-628 843 8F T 66 07 HC$ 1.00 MF$ 0.50

A CONSIDERATION OF CERTAIN PREREQUISITES FOR THE INDUSTRIAL DEVELOPMENT OF SMALL AND MEDIUM-SIZE CITIES IN THE CENTRAL ECONOMIC REGION,
AD-628 844 8F T 66 07 HC$ 1.00 MF$ 0.50

IMPROVING ECONOMIC DISTRICTING IN THE KAZAKH SSR IN CONNECTION WITH THE DEVELOPMENT OF THE NEW FIVE-YEAR PLAN FOR 1966 - 1970,
AD-628 845 8F T 66 07 HC$ 1.00 MF$ 0.50

GEOLOGIC AGE DETERMINATION, ONTARIO
THE GEOCHRONOLOGY OF THE BLIND RIVER-BRUCE MINES AREA ONTARIO, CANADA.
AD-629 113 8G T 66 08

GEOLOGY, BIBLIOGRAPHIES
SELECTED GEOLOGIC LITERATURE LOWER MISSISSIPPI VALLEY DIVISION AREA INDEX AND ANNOTATED BIBLIOGRAPHY.
AD-628 983 8G T 66 08 HC$ 6.00 MF$ 1.25

GEOLOGY, COLORADO
SEISMIC STUDY OF CRUSTAL STRUCTURE IN THE SOUTHERN ROCKY MOUNTAINS.
AD-628 163 8G T 66 07 HC$ 1.00 MF$ 0.50

GEOLOGY, GREECE
GREECE, A SKETCH FOR GEOLOGISTS.
AD-628 644 8G T 66 07

GEOLOGY, MARSHALL ISLANDS
TERRESTRIAL SEDIMENTS AND SOILS OF THE NORTHERN MARSHALL ISLANDS,
AD-628 150 8G T 66 07 HC$ 6.00 MF$ 1.25

GEOLOGY, RADIOACTIVITY
EXAMINATION OF SELECTED AREAS IN PERU,
RME-4530 8G U 41 08 HC$ 2.00 MF$ 0.50

GEOMETRY, CONTROL SYSTEMS
ON THE GEOMETRY OF OPTIMAL PROCESSES, PART III,
AD-629 000 12B T 66 08 HC$ 6.60 MF$ 0.75

GEOPHYSICAL PROSPECTING, TELLURIC CURRENTS
AN INVESTIGATION OF THE MAGNETOTELLURIC METHOD FOR DETERMINING SUBSURFACE RESISTIVITIES,
AD-629 071 8G T 66 08 HC$ 4.00 MF$ 0.75

GEOPHYSICS, PERIODICALS
GEOPHYSICS AND SPACE DATA BULLETIN, VOLUME II: NUMBER 3.
AD-629 696 4A T 66 08 HC$ 6.00 MF$ 1.25

GEOPHYSICS, SOLAR RADIATION
A COMBINED REPORT ON GENERAL WORKS AND PRELIMINARY STUDIES ON SOLAR RADIO EMISSION AND SOLAR-TERRESTRIAL RELATIONSHIPS THROUGH V. L. F. PROPAGATION IN THE IONOSPHERE.
AD-628 887 4A T 66 08 HC$ 4.00 MF$ 0.75

GERMACIDES, QUINOLINES
N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,708 60 U 41 08

GERMANIUM COMPOUNDS, POLYMERIZATION
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

GERMANIUM, SEMICONDUCTORS
VAPOR TRANSPORT AND THERMODYNAMIC EQUILIBRIA IN THE GERMANIUM-GALLIUM-IODINE SYSTEM,
AD-629 291 20L T 66 08

GERMANIUM, THERMAL EXPANSION
THERMAL EXPANSION OF GERMANIUM AND SILICON AT LOW TEMPERATURES,
AD-628 423 20M T 66 07

GHANA, COMMERCE
GHANA.
PB-169 282 5C U 41 07 HC$ 1.00 MF$ 0.50

GLACIERS, SNOW
THE MECHANISM OF ACTION OF FIRNS ON THEIR BEDS,
AD-628 531 8L T 66 07 HC$ 1.00 MF$ 0.50

GLASS TEXTILES, MOISTURE
THE EFFECTS OF MOISTURE ON THE STRENGTH OF GLASS FIBERS: A LITERATURE REVIEW,
AD-629 370 11E T 66 08 HC$ 3.00 MF$ 0.50

GLASS TEXTILES, PRODUCTION
METHOD FOR PRODUCING CONDUCTIVE GLASS FIBER YARN.
PATENT 3,222,149 11E U 41 08

GLASS, ABLATION
UNSTEADY STATE DESTRUCTION OF GLASS-LIKE MATERIALS IN A SUPERSONIC GAS,
AD-629 472 7D T 66 08 HC$ 1.60 MF$ 0.50

GLASS, LASERS
THERMAL OPTIC DISTORTION.
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50

GLASS, THERMAL PROPERTIES
THERMAL PROPERTIES OF SILICA AT LOW TEMPERATURES,
AD-628 424 20L T 66 07

GLIDE PATH SYSTEMS, PERFORMANCE(ENGINEERING)
DIRECTIONAL GLIDE-SLOPE ANTENNA SYSTEM.
PB-169 196 17G U 41 07 HC$ 2.00 MF$ 0.50

GLOVES, THERMAL INSULATION
EFFECTS OF VARIOUS GASES ON HANDGEAR INSULATION.
AD-628 367 6G T 66 07 HC$ 1.60 MF$ 0.50

GLOW DISCHARGES, CHEMICAL REACTIONS
DISTRIBUTION OF ENERGY IN THE PRODUCTS OF REACTIONS UNDER FLAME AND RELATED CONDITIONS.
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50

GOLD COMPOUNDS, COMPLEX COMPOUNDS
TRIPHENYLPHOSPHINE-GOLD(0) GOLD(1) COMPOUNDS,
AD-629 363 7D T 66 08

GRAIN BOUNDARIES, DEFORMATION
AN EXPERIMENTAL INVESTIGATION OF THE PORTEVIN-LE CHATELIER EFFECT IN DEAD ANNEALED COMMERCIAL PURITY ALUMINUM.
AD-629 500 11F T 66 08 HC$ 5.00 MF$ 0.75

GRAIN BOUNDARIES, DIFFUSION
GRAIN BOUNDARY DIFFUSION IN MGO: ORIGIN OF THE EFFECT,
AD-628 849 20B T 66 07 HC$ 1.00 MF$ 0.50

GRAPHICS, THEORY
REGULAR LINE SYMMETRIC GRAPHS,
AD-629 605 12A T 66 08 HC$ 3.60 MF$ 0.50

GRAPHICS, TOPOLOGY
A NOTE ON SOME GRAPHS RELATED TO KNOTS,
AD-629 506 12A T 66 08 HC$ 1.10 MF$ 0.50

GRAPHITE, WAVE TRANSMISSION
WAVE LENGTH DEPENDENCE OF POLARIZATION BY SMALL GRAPHITE FLAKES,
N66-12996 3B U 41 08 HC$ 1.00 MF$ 0.50

GRAPHITE, BAND THEORY OF SOLIDS
DE HAAS-VAN ALPHEN EFFECT IN PYROLYTIC AND SINGLE-CRYSTAL GRAPHITE,
AD-629 184 20L T 66 08

GRAPHITE, OXIDATION
HIGH-TEMPERATURE KINETICS OF GRAPHITE OXIDATION BY DISSOCIATED OXYGEN.
AD-628 282 11B T 66 07

GRAPHITE, REACTOR FUEL ELEMENTS
CERAMIC-MATRIX-TYPE FUEL ELEMENT WITH GRAPHITE FABRIC AFFIXED TO EXTERIOR SURFACE.
PATENT 3,224,944 18J U 41 08

GRAVIMETRIC ANALYSIS, STANDARDS
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JULY 1964 TO JUNE 1965,
C13.46-275 7D U 41 07 MF$ 0.75

GRAVITY, FIELD THEORY
RESEARCH IN GRAVITATIONAL RADIATION AND SPACE TIME,
AD-432 200 20J U 41 08 HC$ 3.00

GRAVITY, GEODESCIS
RESEARCH ON METHODS OF DETERMINING LEVEL SURFACES OF THE EARTH'S GRAVITY FIELD.
AD-628 797 8E T 66 07 HC$ 2.60 MF$ 0.50

GRAVITY, LUNAR ENVIRONMENT
SENSITIVITY OF SHORT-PERIOD TRACKING DATA FROM A LUNAR SATELLITE TO THE LUNAR GRAVITATIONAL FIELD HARMONICS.
N66-11253 22A U 41 07 HC$ 3.00 MF$ 0.50

GRAVITY, RELATIVITY THEORY
INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME II.
AD-628 885 20J T 66 08 HC$14.70 MF$ 1.00

INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME I.
AD-629 097 20J T 66 08 HC$ 6.60 MF$ 0.75

GRAVITY, SYMPOSIA
1965 CONFERENCE ON GENERAL RELATIVITY AND GRAVITATION.
AD-629 098 3B T 66 08 HC$ 1.10 MF$ 0.50

GREAT BRITAIN, COMMERCE
GREAT BRITAIN AND NORTHERN IRELAND (UNITED KINGDOM OF).
PB-169 287 5C U 41 07 HC$ 6.00 MF$ 1.25

GREECE, COMMERCE
GREECE.
PB-169 283 5C U 41 07 HC$ 6.00 MF$ 1.50

GREECE, GEOLOGY
GREECE, A SKETCH FOR GEOLOGISTS.
AD-628 644 8G T 66 07

GREEN'S FUNCTION, ELECTRONS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

GREEN'S FUNCTION, PERTURBATION THEORY
ON THE GREEN'S FUNCTION METHOD FOR EVALUATING PERTURBATION SUMS,
AD-629 023 12A T 66 08

GREEN'S FUNCTION, POTENTIAL THEORY
A GEOMETRIC PROPERTY OF THE TWO-DIMENSIONAL HARMONIC GREEN'S FUNCTION,
AD-628 411 12A T 66 07

GROUND EFFECT MACHINES, LANDING CRAFT
CALM-WATER RESISTANCE CHARACTERISTICS OF A 25-PERCENT-SCALE MODEL OF A HYPOTHETICAL CAPTURED AIR BUBBLE (CAB) LANDING VEHICLE.
AD-628 831 13J T 66 07 HC$ 1.60 MF$ 0.50

GROUND EFFECT MACHINES, MODEL TESTS
GEMINI ONE-TON AMPHIBIOUS OFF-HIGHWAY AIRTRANSPORTABLE VEHICLE, CONTINUATION OF PHASE I PROGRAM.
AD-629 648 1C T 66 08 HC$ 5.60 MF$ 0.75

GROUND EFFECT MACHINES, SCIENTIFIC RESEARCH
GEM RESEARCH AT THE UNIVERSITY OF KANSAS.
AD-629 725 1C T 66 08 HC$ 3.00 MF$ 0.75

GROUP DYNAMICS, BEHAVIOR
RELATIONSHIP BETWEEN GROUP EQUILIBRIUM, PRODUCTION AND MORALE IN PROBLEM SOLVING WORK GROUPS.
AD-628 232 5J T 66 07 HC$ 1.00 MF$ 0.50

CONTINUITY AND OPENNESS IN HIGH ENERGY PHYSICS GROUPS,
N66-12994 5J U 41 08 HC$ 1.00 MF$ 0.50

GROUP DYNAMICS, SOCIOMETRICS
THE EFFECT OF GROUP SUCCESS ON THE REDUCTION OF STATUS INCONGRUENCE IN TASK-ORIENTED GROUPS,
AD-628 576 5K T 66 07

GROUPS(MATHEMATICS), COMBINATORIAL ANALYSIS
THE INVERSE MULTIPLIER FOR ABELIAN GROUP DIFFERENCE SETS,
AD-629 035 12A T 66 08

GROUPS(MATHEMATICS), HARMONIC ANALYSIS
TRANSLATION-INVARIANT CONES OF FUNCTIONS ON SEMI-SIMPLE LIE GROUPS,
AD-629 600 12A T 66 08

GROUPS(MATHEMATICS), QUANTUM MECHANICS
WIGNERS ANALYSIS OF THE UNITARY REPRESENTA- TIONS OF THE POINCARE GROUP,
UCRL-12359 20J U 41 07 HC$ 3.00 MF$ 0.75

GUIDANCE, ATMOSPHERE ENTRY
PILOT RE-ENTRY GUIDANCE AND CONTROL,
N65-36773 22C U 41 07 HC$ 2.00 MF$ 0.50

GUIDANCE, ATMOSPHERE MOTION
INFLUENCE OF ATMOSPHERIC TURBULENCE ON AZIMUTH LAYING TECHNIQUES.
N66-10884 17G U 41 08 HC$ 5.00 MF$ 1.00

GUIDED MISSILE BATTERIES, ELECTRO CHEMISTRY
CHEMOELECTRIC ENERGY CONVERSION FOR NONAQUEOUS RESERVE

BATTERIES.
AD-628 999 10C T 66 08 HC$ 2.60 MF$ 0.50

GUIDED MISSILE LAUNCHERS, SPRINGS
LIQUID SPRING MOUNTING MEANS FOR A LAUNCHING TUBE.
PATENT 3,221,602 16A U 41 07

GUIDED MISSILE PERSONNEL, TRAINING
HUMRRO PRESENTATIONS TO MEETING OF NIKE ZEUS TRAINING PANEL (3RD).
AD-628 960 5I T 66 08 HC$ 2.60 MF$ 0.50

GUIDED MISSILE TRACKING SYSTEMS, OPTICAL TRACKING
DATA REDUCTION OF CHEMICAL RELEASES IN THE UPPER ATMOSPHERE OF LOW-INTENSITY OPTICAL EMISSIONS CAUSED BY THE RELEASES AND DESIGN AND DEVELOPMENT OF PAYLOADS TO PRODUCE LUMINARY TRAIL AND POINT RELEASES AT ALTITUDES ABOVE 80 KM.
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50

GUIDED MISSILES(SURFACE TO SURFACE), LOW ALTITUDE
ENGINEERING INVESTIGATION AND TESTS WHICH FURTHER SUBSTANTIATE SYSTEM FEASIBILITY AND PROVIDE DATA RELATIVE TO THE DEVELOPMENT OF A NUCLEAR LOW ALTITUDE SUPERSONIC VEHICLE. PART II. TECHNICAL INFORMATION. VOLUME 9. NUCLEAR RADIATION EFFECTS TEST NO. 10, FLYAWAY.
AD-459 592 16D U 41 08 HC$25.80

ENGINEERING INVESTIGATION AND TESTS WHICH FURTHER SUBSTANTIATE SYSTEM FEASIBILITY AND PROVIDE DATA RELATIVE TO THE DEVELOPMENT OF A NUCLEAR LOW ALTITUDE SUPERSONIC VEHICLE. PART II. TECHNICAL INFORMATION. VOLUME 10. NUCLEAR RADIATION EFFECTS TEST NO. 12, FLYAWAY.
AD-459 663 16D U 41 08 HC$22.00

GUIDED MISSILES(SURFACE-TO-SURFACE), ACCEPTABILITY
ACCEPTANCE SUMMARY REPORT - FTM 460.
AD-628 151 16D T 66 07 HC$ 3.00 MF$ 0.75

GUIDED MISSILES, STABILITY
MISSILE DYNAMICS FOR STABILITY ANALYSIS. VOLUME I. DERIVATION OF EQUATIONS,
N66-10756 16B U 41 08 HC$ 4.00 MF$ 0.75

GUNS, AUTOMATIC WEAPONS
CARTRIDGE FEEDING MECHANISM FOR FIXEDBARREL, SLIDE-OPERATED GUNS.
PATENT 3,221,603 19F U 41 07

GYROSCOPES, GAS BEARINGS
G 6159 MINIATURE INTEGRATING GYRO STERILIZATION EXPOSURE STUDIES AT 300 DEG F.
N66-10616 14B U 41 08 HC$ 3.00 MF$ 0.75

GYROSCOPES, STABILIZATION
DYNAMIC BALANCING OF ROTORS OF GYROSCOPIC SYSTEMS,
AD-628 504 17G T 66 07 HC$29.70 MF$ 1.50

GYROSCOPES, THEORY
THEORY OF GYROSCOPIC DEVICES, PART II, CHAPTERS 7-11,
AD-629 424 17G T 66 08 HC$ 8.40 MF$ 2.25

HALL EFFECT, COMPRESSIBLE FLOW
RAYLEIGH'S PROBLEM IN MAGNETOGASDYNAMICS WITH HALL EFFECT.
AD-628 467 20I T 66 07

HALL EFFECT, TRANSITION ELEMENTS
HALL COEFFICIENT OF HUBBARD'S MODEL.
AD-629 433 20L T 66 08 HC$ 1.00 MF$ 0.50

HALOCARBON PLASTICS, DEFORMATION
PLASTICS (SELECTED ARTICLES).
AD-629 165 11I T 66 08 HC$ 4.60 MF$ 0.50

HALOGENATED HYDROCARBONS, ACOUSTIC PROPERTIES
SOUND ABSORPTION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-628 426 7D T 66 07

SOUND ABSORPTION IN SUBSTITUTED METHANE -INERT-GAS MIXTURES,
AD-628 830 7D T 66 07

SOUND DISPERSION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-629 531 7D T 66 08

HALOGENATED HYDROCARBONS, ALKYNES
ADDITION OF FLUOROACETYLENES TO GROUP V HYDRIDES,
AD-628 474 7C T 66 07

HALOGENATED HYDROCARBONS, CHEMICAL REACTIONS
CO-CATALYSIS IN FRIEDEL-CRAFTS REACTIONS. PART X. INTERACTION BETWEEN BORON TRIFLUORIDE AND ALKYL FLUORIDES.
AD-629 750 7C T 66 08

HALOGENATED HYDROCARBONS, OPTICAL PROPERTIES
REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE,
AD-629 252 7D T 66 08

HALOGENS, PETROLOGY
FRACTIONATION OF FLUORINE, CHLORINE AND OTHER TRACE ELEMENTS DURING DIFFERENTIATION OF A THOLEIITIC MAGMA,
N66-12986 8D U 41 08 HC$ 2.00 MF$ 0.50

HAMILTONIAN, MAGNETIC FIELDS
RELATIVISTIC INTERMOLECULAR FORCES,
N66-10959 20J U 41 08 HC$ 4.00 MF$ 0.75

HANDBOOKS, MATERIALS
SPACE MATERIALS HANDBOOK,
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50

HANDLING, SHIPPING (MARINE)
THE DOCKERS OF ARKHANGELSK,
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50

HARBORS, HANDLING
THE DOCKERS OF ARKHANGELSK,
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50

HARBORS, UNDERWATER OBJECT LOCATORS
SUBMARINE ILLUMINATION AND TELEVISION IN HARBOR WATER.
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75

HARMONIC GENERATORS, BROADBAND
BROADBAND HARMONIC GENERATORS.
AD-628 271 9E T 66 07 HC$ 3.60 MF$ 0.50

HARMONIC GENERATORS, PLASMA OSCILLATIONS
HARMONIC GENERATION BY A NONLINEAR PLASMA CYLINDER.
AD-628 518 20I T 66 07

HARTREE-FOCK APPROXIMATION, MOLECULAR ORBITALS
LOCALIZED SELF-CONSISTENT FIELD ORBITALS IN ATOMS AND MOLECULES,
IS-1107 20H U 41 07 HC$ 1.00 MF$ 0.50

HEAD, WOUNDS + INJURIES
FINAL REPORT,
AD-466 159 6U U 41 07 HC$ 1.00 MF$ 0.50

HEALTH PHYSICS INSTRUMENTATION, DESIGN
HAZARDS CONTROL QUARTERLY REPORT NO. 21, APRIL - JUNE 1965.
UCRL-14351 6R U 41 07 HC$ 2.00 MF$ 0.50

HEALTH PHYSICS INSTRUMENTATION, GAMMA COUNTERS
DESIGN CRITERIA FOR WIDE RANGE GAMMA RADIACS USING SEMICONDUCTOR DIODE DETECTORS,
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50

HEALTH PHYSICS, ALPHA COUNTERS
A PRACTICAL SIMULTANEOUS ALPHA-BETA COUNTER FOR APPLIED HEALTH PHYSICS,
IDO-17122 6R U 41 07 HC$ 1.00 MF$ 0.50

HEALTH PHYSICS, DOSE RATE
RADIOLOGICAL HEALTH MANUAL FOR THE EXPERIMENTAL GAS-COOLED REACTOR. RADIATION PROTECTION STANDARDS AND REGULATIONS.
EGCR-4 6R U 41 07 HC$ 1.00 MF$ 0.50

HEALTH PHYSICS, RADIOACTIVE WASTE
HEALTH PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING JULY 31, 1965.
ORNL-3849 6R U 41 07 HC$ 6.00 MF$ 1.25

HEALTH PHYSICS, UNDERGROUND EXPLOSIONS
OFF-SITE SURVEILLANCE.
AD-629 357 18C T 66 08 HC$ 3.00 MF$ 0.75

HEARING, EXPLOSION EFFECTS
EVALUATION OF AN INSTRUMENTAL CONDITIONING PROCEDURE AS AN INDEX OF AUDITORY DECREMENT IN THE WHITE RAT.
AD-467 974 6S U 41 07 HC$ 1.00 MF$ 0.50

HEARING, LEARNING
COMPREHENSION BY READING VERSUS HEARING.
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50

HEARING, TEST FACILITIES
A MOBILE LABORATORY FOR GROUP HEARING TESTS.
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50

HEART, HYPOTHERMIA
EFFECT OF PROLONGED HYPOTHERMIA ON THE HEART AND LIVER.
AD-629 067 6S T 66 08 HC$ 1.10 MF$ 0.50

HEAT TREATMENT, BERYLLIUM
METALLOGRAPHY OF WROUGHT VACUUM-CAST BERYLLIUM AT ELEVATED TEMPERATURES,
RFP-544 11F U 41 08 HC$ 1.00 MF$ 0.50

HEAT OF VAPORIZATION, URANIUM
ANALYSES OF VAPORIZATION IN LIQUID URANIUM BEARING SYSTEMS AT VERY HIGH TEMPERATURES.
N66-12256 20M U 41 07 HC$ 2.00 MF$ 0.50

HEAT RESISTANT MATERIALS, HANDBOOKS
OXIDATION-RESISTANT MATERIALS, A HANDBOOK,
AD-629 106 11F T 66 08 HC$ 5.00 MF$ 1.00

HEAT SHIELDS, OPTICAL PROPERTIES
ANGULAR DEPENDENCE OF SURFACE SCATTERED LASER RADIATION.
AD-628 295 20E T 66 07 HC$ 2.00 MF$ 0.50

HEAT TRANSFER, FLUID FLOW
AN INVESTIGATION OF INSTABILITIES ENCOUNTERED DURING HEAT TRANSFER TO A SUPERCRITICAL FLUID,
ANL-7032 20M U 41 08 HC$ 3.00 MF$ 0.75

TWO-PHASE FLOW AND BOILING HEAT TRANSFER.
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50

LOCAL TURBULENT HEAT TRANSFER FOR WATER IN ENTRANCE REGIONS OF TUBES WITH VARIOUS UNHEATED STARTING LENGTHS.
N66-10714 20D U 41 07 HC$ 1.00 MF$ 0.50

HEAT TRANSFER, FLUIDIZED BED PROCESSES
THE EFFECT OF INTERPARTICLE FORCES ON THE FLUIDIZATION OF FINE PARTICLES,
ANL-7086 7A U 41 08 HC$ 2.00 MF$ 0.50

HEAT TRANSFER, LAMINAR BOUNDARY LAYER
AN APPROXIMATE ANALYTICAL DERIVATION OF SKIN FRICTION AND HEAT TRANSFER IN LAMINAR BINARY BOUNDARY LAYER FLOW.

AD-629 499 20D T 66 08

HEAT TRANSFER, MAGNETIC FIELDS
WIEDEMANN-FRANZ LAW IN THE QUANTUM LIMIT FOR ISOTROPIC SCATTERING.
AD-628 344 20C T 66 07

HEAT TRANSFER, OCEANOLOGY
METHODS OF EVALUATING ADVECTION IN THE HEAT BALANCE OF SEAS AND OCEANS,
AD-628 147 8J T 66 07 HC$ 1.60 MF$ 0.50

HEAT TRANSFER, PRESSURIZED WATER REACTORS
HEAT TRANSFER AND MIXING STUDIES IN A P.W.R.-REACTOR-LOOP.
EURAEC-1162 18L U 41 08 HC$ 3.00 MF$ 0.75

HEAT TRANSFER, TWO-PHASE FLOW
AN EXPERIMENTAL AND ANALYTICAL STUDY OF HEAT TRANSFER AND PRESSURE DROP IN HORIZONTAL ANNULAR TWO-PHASE, TWO-COMPONENT FLOW.
AD-628 386 20D T 66 07 HC$17.50 MF$ 1.00

HEATERS, HYPERSONIC WIND TUNNELS
DEVELOPMENT AND OPERATION OF AN ELECTRICAL-RESISTANCE AIR HEATER FOR THE ARL TWENTY-INCH HYPERSONIC WIND TUNNEL.
AD-628 614 14B T 66 07 HC$ 6.60 MF$ 0.75

HEAT-RESISTANT PLASTICS, PHOSPHONITRILE CHLORIDES
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

HEAVY WATER, SPECTRA(VISIBLE + ULTRAVIOLET)
THE SPECTRA OF H20 AND D20 IN THE VACUUM ULTRAVIOLET,
AD-628 413 7D T 66 07

HELICOPTERS, AERODYNAMIC LOADING
A METHOD FOR PREDICTING THE AERODYNAMIC LOADS AND DYNAMIC RESPONSE OF ROTOR BLADES.
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75

HELICOPTERS, GEARS
STUDY OF HELICOPTER GEAR LUBRICATION.
AD-628 446 11H T 66 07 HC$ 2.60 MF$ 0.50

HELICOPTERS, LANDING GEAR
REINFORCED PLASTIC LANDING GEAR FOR UH-1 HELICOPTER.
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00

HELICOPTERS, NOISE
A THEORY FOR PREDICTING THE ROTATIONAL NOISE OF LIFTING ROTORS IN FORWARD FLIGHT, INCLUDING A COMPARISON WITH EXPERIMENT.
AD-629 646 20A T 66 08 HC$11.60 MF$ 0.75

HELICOPTERS, PERFORMANCE(ENGINEERING)
STUDY OF TANDEM ROTOR HELICOPTER DYNAMICS FOLLOWING POWER FAILURE AT HIGH SPEED.
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50

HELIPORTS, APPROACH LIGHTS
GUIDE-LITE HELIPORT SYSTEM.
PB-169 195 17G U 41 08 HC$ 2.00 MF$ 0.50

HELIUM GROUP GASES, ACOUSTIC PROPERTIES
SOUND ABSORPTION IN SUBSTITUTED METHANE -INERT-GAS MIXTURES,
AD-628 830 7D T 66 07

HELIUM GROUP GASES, DIFFUSION
DIFFUSION OF RARE GASES IN SOLIDS.
EURAEC-1314 20L U 41 07 HC$ 1.00 MF$ 0.50

THE KINETICS OF RARE-GAS DIFFUSION IN SOLIDS. TABLES AND GRAPHS FOR THE EVALUATION OF POST-ACTIVATION DIFFUSION EXPERIMENTS. (RARE-GAS DIFFUSION IN SOLIDS 10),
EURAEC-772 20L U 41 07 HC$ 2.00 MF$ 0.50

HELIUM GROUP GASES, EQUATIONS OF STATE
DETERMINATION OF MIXED VIRIAL COEFFICIENTS.
AD-628 889 7D T 66 08 HC$ 2.00 MF$ 0.50

HELIUM GROUP GASES, GAS IONIZATION
MULTIPHOTON IONIZATION OF RARE GAS AND HYDROGEN ATOMS,
AD-628 724 7E T 66 07

HELIUM GROUP GASES, INFRARED SPECTROSCOPY
INFRARED SPECTRA OF HCl IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

HELIUM GROUP GASES, IONS
RARE GAS ION REACTIONS WITH AMMONIA,
AD-629 378 7E T 66 08

HELIUM GROUP GASES, NUCLEAR CROSS SECTIONS
MEASUREMENTS OF ABSOLUTE TOTAL CROSS SECTIONS FOR RARE-GAS SCATTERING,
AD-629 362 7D T 66 08

HELIUM GROUP GASES, POLARIZATION
METASTABLE TRIPLET-P2 RARE GAS POLARIZABILITIES,
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

HELIUM GROUP GASES, ULTRAVIOLET SPECTROSCOPY
RARE GAS CONTINUUM LIGHT SOURCES FOR PHOTOELECTRIC SCANNING IN THE VACUUM ULTRAVIOLET.
AD-629 710 20F T 66 08

HELIUM, NUCLEAR SCATTERING
THEORY OF LOW-ENERGY POSITRON-HELIUM SCATTERING,
N66-10674 20H U 41 08 HC$ 1.00 MF$ 0.50

HELIUM, ATOMIC ENERGY LEVELS
DIRECT CALCULATION OF CONTRIBUTIONS TO THE SECOND-ORDER ENERGY OF HELIUM,
AD-628 481 7D T 66 07

HELIUM, DIELECTRIC PROPERTIES
DIELECTRIC CONSTANT OF HE3 IN THE CRITICAL REGION,
AD-628 345 20C T 66 07

HELIUM, EQUATIONS OF STATE
EQUATION OF STATE OF 4HE IN THE CRITICAL REGION,
AD-629 186 20H T 66 08

HELIUM, EXCITATION
COLLISIONAL TRANSFER OF EXCITATION ENERGY IN HELIUM,
AD-628 229 7D T 66 07

THEORY OF THE EXCITATION OF THE 4686-A LINE OF HE(+) BY ELECTRON IMPACT,
AD-628 407 7D T 66 07

HELIUM, HYDRODYNAMICS
EFFECTS OF TURBULENCE IN HE II THERMAL COUNTERFLOW,
AD-629 533 20D T 66 08

HELIUM, LIQUEFIED GASES
RECOMBINATION LUMINESCENCE IN THE SCINTILLATION OF NORMAL AND SUPERFLUID LIQUID HELIUM,
AD-628 657 20F T 66 07

HELIUM, MASS SPECTROSCOPY
HYDROGEN AND HELIUM IONS,
N66-11224 20H U 41 08 HC$ 2.00 MF$ 0.50

HELIUM, NUCLEAR CROSS SECTIONS
QUENCHING OF NA RADIATION BY HE,
AD-629 072 7D T 66 08

HELIUM, QUANTUM MECHANICS
RADIATIVE LIFETIMES AND EXCITATION MECHANISMS IN HELIUM,
AD-629 540 20J T 66 08

DEPENDENCE ON MAGNETIC FIELD OF POLARIZA- TION OF RADIATION FROM ELECTRON-HELIUM COLLISION,
AD-629 541 20J T 66 08

HELIUM, SOUND TRANSMISSION
ON THE DISPERSION OF SOUND IN HELIUM,
AD-629 214 20A T 66 08 HC$ 1.60 MF$ 0.50

HELIUM, SUPERFLUIDITY
MICROSCOPIC THEORY OF SUPERFLUID HELIUM,
AD-628 293 20J T 66 07

HELIUM, THERMAL RADIATION
ON THE DETECTION OF SECOND SOUND IN CRYSTALS BY LIGHT SCATTERING,
AD-629 175 20A T 66 08

HELIUM, TRANSPORT PROPERTIES
TRANSPORT PROPERTIES OF GASEOUS HE 3 AND HE 4,
IMP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50

HELIUM, VISCOSITY
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

HELMETS, AVIATION PERSONNEL
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

HELMETS, DESIGN
HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00

IMPACT TEST METHODS FOR HELMETS. SUPPLEMENT I TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL,
AD-628 679 6Q T 66 07 HC$ 1.00 MF$ 0.50

TEST RESULTS - HEMISPHERICAL SPECIMENS. SUPPLEMENT II TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL,
AD-628 680 6Q T 66 07 HC$ 1.00 MF$ 0.50

HEMISPHERICAL SHELLS, EPOXY PLASTICS
AN INVESTIGATION OF THE PANEL COLLAPSE STRENGTH OF STIFFENED PLASTIC HEMISPHERES.
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50

HEMOGLOBIN, ANOMALIES
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

HEMOGLOBIN, PHILIPPINES
PRELIMINARY REPORT ON ABNORMAL HEMOGLOBINS IN FILIPINOS,
AD-628 152 6E T 66 07

HEMOGLOBIN, STEREOCHEMISTRY
SUBSTRATE CONTROL OF PROTEIN CONFORMATION,
AD-628 264 6A T 66 07

HEMOPOIETIC SYSTEM, TRANSPLANTATION
HOST-CELL INTERACTIONS IN MICE BEARING ISOLOGOUS HEMOPOIETIC GRAFTS (LA GREFFE DES CELLULES HEMATOPOIETIQUES ALLOGENIQUES),
AD-628 462 6P T 66 07

HEMORRHAGE, BLOOD TRANSFUSIONS
INFLUENCE OF AUTOLOGOUS AND HOMOLOGOUS BLOOD EXCHANGE ON THE BLEEDING VOLUME OF DOGS,

AD-628 723 6E T 66 07

HEMORRHAGE, BRAIN
SUBEPENDYMAL CEREBRAL HEMORRHAGE IN INFANCY.
AD-628 757 6E T 66 07

HIGH PRESSURE RESEARCH, GEOLOGY
INVESTIGATION OF THIN SAMPLES OF MINERAL ROCK UNDER CONDITIONS OF SHEAR DUE TO TORSION AND UNIDIRECTIONAL STRESS.
AD-629 046 8B T 66 08 HC$ 1.00 MF$ 0.50

HIGH-PRESSURE RESEARCH, MOSSBAUER EFFECT
ADVANCES IN MOSSBAUER EFFECT METHODOLOGY HIGH PRESSURE TECHNIQUES.
COO-1198-255 20H U 41 07 HC$ 1.00 MF$ 0.50

HIGH-PRESSURE VALVES, TESTS
EVALUATION TESTS OF MOSLER BLAST VALVES.
AD-629 405 13K T 66 08 HC$ 2.00 MF$ 0.50

HIGH-TEMPERATURE RESEARCH, MAGNETO HYDRODYNAMICS
THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. I. KINETICS OF HIGH-TEMPERATURE AIR IN THE PRESENCE OF AN ELECTROMAGNETIC FIELD.
AD-628 906 20I T 66 08

HISTAMINE, CORNEA
MAST CELL DISRUPTION AND OTHER CHANGES IN THE PERICORNEAL TISSUE MORPHOLOGY AFTER INTRAPERITONEAL INJECTIONS OF A POTENT HISTAMINE LIBERATOR (COMPOUNDS 48/80).
AD-628 125 6M T 66 07

HISTOLOGICAL TECHNIQUES, VESTIBULAR APPARATUS
ARCHITECTURE OF THE OTOLITH END ORGAN: WITH SOME FUNCTIONAL CONSIDERATIONS.
AD-628 211 6P T 66 07 HC$ 1.60 MF$ 0.50

HISTOLOGY, NERVE CELLS
RESEARCH ON INTRA NEURONAL MECHANISMS FOR INFORMATION STORAGE.
AD-628 899 6P T 66 08 HC$ 3.00 MF$ 0.50

HISTORY, SPACE FLIGHT
THE NATION'S MANNED SPACE FLIGHTS.
N66-10880 22A U 41 08 HC$ 1.00 MF$ 0.50

HOMOGENEOUS REACTORS, REACTOR FUELS
CATALOG OF NUCLEAR REACTOR CONCEPTS. PART I. HOMOGENEOUS AND QUASI-HOMOGENEOUS REACTORS. SECTION III. REACTORS FUELED WITH MOLTEN-SALT SOLUTIONS.
ANL-7092 21F U 41 08 HC$ 3.00 MF$ 0.75

HORIZON SCANNERS, THERMAL RADIATION
MOLECULAR ATMOSPHERIC OXYGEN HORIZON STUDY RADIOMETRIC MEASUREMENT INSTRUMENT.
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75

HORN ANTENNAS, ANTENNA RADIATION PATTERNS
SURFACE WAVE AND ANTENNA ENGINEERING RESEARCH STUDY.
AD-628 859 9E T 66 07 HC$ 1.00 MF$ 0.50

HORN ANTENNAS, REFLECTORS
A SHORTENED HORN-REFLECTOR ANTENNA.
N66-11221 9F U 41 08 HC$ 1.00 MF$ 0.50

HUMAN ENGINEERING, INFORMATION RETRIEVAL
HUMAN ENGINEERING THE GPDS/LUCID SYSTEM: CONSIDERATIONS AND PLANS.
AD-628 206 5B T 66 07 HC$ 2.00 MF$ 0.50

HUMANS, DETECTION
APPLICABILITY OF OLFACTORY TRANSDUCERS TO THE DETECTION OF HUMAN BEINGS.
AD-628 245 6C T 66 07 HC$ 1.00 MF$ 0.50

FEASIBILITY OF USING ELECTROSTATIC METHODS TO DETECT MOTION OF HUMAN BEINGS OR OTHER NEARBY OBJECTS.
AD-629 104 17F T 66 08 HC$ 2.00 MF$ 0.50

HUMANS, IDENTIFICATION
DETECTION AND IDENTIFICATION OF CHEMICAL SIGNATURES.
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75

HUMIDITY, REFRACTOMETERS
REFRACTOMETER RESPONSE TO A HUMID ENVIRONMENT.
AD-629 542 14R T 66 08 HC$ 7.60 MF$ 0.75

HURRICANE TRACKING, RADAR ECHO AREAS
A SUMMARY OF EMPIRICAL STUDIES OF THE HORIZONTAL MOTION OF SMALL RADAR PRECIPITATION ECHOES IN HURRICANE DONNA AND OTHER TROPICAL STORMS.
PB-169 248 4B U 41 07 HC$ 3.00 MF$ 0.75

HYDRAULIC FLUIDS, ADDITIVES
EFFECT OF WATER AND PARTICULATE CONTAMINATES ON POLYMER SHEAR STABILITY.
AD-628 073 11H T 66 07 HC$ 1.00 MF$ 0.50

HYDRAULIC MODELS, DAMS
HYDRAULIC MODEL STUDIES OF YELLOWTAIL AFTERBAY DAM SPAWNING CHANNEL STILLING BASIN AND DIFFUSER CHAMBER, MISSOURI RIVER BASIN PROJECT, MONTANA.
AD-466 191 13M U 41 07 HC$ 1.00 MF$ 0.50

HYDRAZINE DERIVATIVES, OXIDATION
SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES.
AD-629 492 7C T 66 08

HYDRAZINE, FUEL CELLS
DIRECT ENERGY CONVERSION SYSTEMS. PART II. ELECTROCATALYTIC ACTIVITY OF HYDRAZINE IN FUEL CELL APPLICATION.
AD-628 529 10A T 66 07 HC$ 3.00 MF$ 0.50

60-WATT HYDRAZINE-AIR FUEL CELL SYSTEM.
AD-629 220 10B T 66 08 HC$ 5.60 MF$ 0.50

HYDRAZINE, PRODUCTION
RARE GAS ION REACTIONS WITH AMMONIA.
AD-629 378 7E T 66 08

HYDRAZONES, REDUCTION(CHEMISTRY)
SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES.
AD-629 492 7C T 66 08

HYDRIDES, CHEMICAL REACTIONS
ADDITION OF FLUOROACETYLENES TO GROUP V HYDRIDES.
AD-628 474 7C T 66 07

HYDRO PHONES, BUOYS
AUTOMATIC SONOBUOY FUNCTION SELECTOR.
AD-629 724 17A T 66 08 HC$ 2.60 MF$ 0.50

HYDROCARBONS, SHALE
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT.
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

HYDROCARBONS, EXPLOSIONS
THERMAL AND ISOTHERMAL EXPLOSIONS IN THE INHIBITION OF THE H2+02 REACTION BY HYDROCARBONS.
AD-629 245 7D T 66 08

HYDROCARBONS, FLAMES
DISTRIBUTION OF ENERGY IN THE PRODUCTS OF REACTIONS UNDER FLAME AND RELATED CONDITIONS.
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50

HYDROCARBONS, MICRO ORGANISMS
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

HYDROCARBONS, MOLECULAR SPECTROSCOPY
THE LAMBDA 4300 BAND OF CH IN THE SPECTRUM OF COMET IKEYA (1963A).
AD-628 813 3B T 66 07 HC$ 2.60 MF$ 0.50

HYDROCARBONS, VISCOSITY
CENTRAL POTENTIALS FOR POLYATOMIC MOLECULES. A SURVEY OF MORSE POTENTIALS DETERMINED FROM VISCOSITY AND THE SECOND VIRIAL COEFFICIENT.
N66-13082 7C U 41 08 HC$ 1.00 MF$ 0.50

HYDROCHLORIC ACID, SPECTRA (INFRARED)
INFRARED SPECTRA OF HCl IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

HYDRODYNAMIC CON FIGURATIONS, FLUID DYNAMIC PROPERTIES
THE CALCULATION OF ANOMALIES VXZ OF THREE-DIMENSIONAL BODIES WITH A PALETTE OF A TWO-DIMENSIONAL BODY.
AD-628 417 20D T 66 07 HC$ 1.00 MF$ 0.50

HYDRODYNAMIC CONFIGURATIONS, FLUID DYNAMIC PROPERTIES
THE CALCULATIONS OF THE ANOMALIES OF V SUB DELTA FOR THREE-DIMENSIONAL BODIES BY A 'PALETTE' OF A TWO-DIMENSIONAL BODY.
AD-628 416 20D T 66 07 HC$ 1.00 MF$ 0.50

HYDRODYNAMICS, FOUNDATIONS(STRUC TURES)
ANALYSIS OF WAVE FORCES ON A 30-INCH DIAMETER PILE UNDER CONFUSED SEA CONDITIONS.
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75

HYDRODYNAMICS, RELATIVITY THEORY
RELATIVISTIC EFFECTS IN STATISTICAL HYDRODYNAMICS.
AD-629 690 20D T 66 08

HYDROFOIL BOATS, MODEL TESTS
RESISTANCE AND EHP OF A 'FOIL-MARAN' CONFIGURATION AS PREDICTED FROM SMOOTH WATER TESTS OF MODEL 4836-3.
AD-628 555 13J T 66 07 HC$ 2.60 MF$ 0.50

HYDROFOIL BOATS, PROPELLERS(MARINE)
CAVITATION TESTS OF A TRACTOR PROPELLER ARRANGEMENT FOR THE PC(H).
AD-628 854 13J T 66 07 HC$ 4.60 MF$ 0.50

HYDROGEN COMPOUNDS, HALIDES
ABSOLUTE INFRARED INTENSITIES IN MIXED HYDROGEN HALIDE CRYSTALS.
AD-629 465 7D T 66 08

HYDROGEN PEROXIDE, PHOTOCHEMISTRY
THE PHOTOCHEMICAL REACTION OF HYDROGEN PEROXIDE WITH ALLYL ALCOHOL-3,3-D2.
AD-628 086 7E T 66 07

HYDROGEN, ADSORPTION
A TECHNIQUE FOR MEASURING CAPTURE COEFFICIENTS AND APPLICATION TO THE MEASUREMENT OF HYDROGEN ADSORPTION BY TITANIUM.
AD-628 380 14B T 66 07 HC$ 2.00 MF$ 0.50

HYDROGEN, ATOMIC ENERGY LEVELS
ABSORPTION SPECTRA OF H2 IN THE VACUUM -ULTRAVIOLET REGION. III. POTENTIAL-ENERGY CURVES FOR THE B SINGLET-SIGMA(PLUS)U, C SINGLET-PIU, B SINGLET-SIGMA(PLUS)U, AND D SINGLET-PIU STATES.

AD-628 912 20H T 66 08

HYDROGEN, CHEMICAL REACTIONS
THE MECHANISM OF PROTON TRANSPORT IN AQUEOUS SOLUTIONS.
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50

A STUDY OF THE HYDROGEN-FLUORINE REACTION.
AD-628 923 7B T 66 08 HC$ 1.10 MF$ 0.50

THERMAL AND ISOTHERMAL EXPLOSIONS IN THE INHIBITION OF THE H2+02 REACTION BY HYDROCARBONS.
AD-629 245 7D T 66 08

HYDROGEN, EQUATIONS OF STATE
DETERMINATION OF MIXED VIRIAL COEFFICIENTS.
AD-628 889 7D T 66 08 HC$ 2.00 MF$ 0.50

HYDROGEN, EXCHANGE REACTIONS
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XIII. STEREOCHEMICAL STABILITY OF ALLYLIC AND VINYL ANIONS.
AD-629 641 7C T 66 08

HYDROGEN, FILM BOILING
ZERO-G REPORT. LH2. FILM BOILING.
N66-11241 20M U 41 08 HC$ 1.00 MF$ 0.50

HYDROGEN, FLAME PROPAGATION
FLAME PROPAGATION UNDER CONDITIONS OF AN IGNITION PENINSULA OF HYDROGEN-OXYGEN MIXTURES.
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50

HYDROGEN, FUEL CELLS
DESIGN OF HYDROGEN-OXYGEN CAPILLARY TYPE FUEL CELL.
AD-628 129 10B T 66 07 HC$ 2.60 MF$ 0.50

MINIATURE HYDROGEN GENERATOR.
AD-628 499 10B T 66 07 HC$ 4.60 MF$ 0.75

HYDROGEN, GAS IONIZATION
AUTOIONIZATION STATES OF H(-) BELOW THE N=2 LEVEL OF H.
AD-628 239 7D T 66 07

MULTIPHOTON IONIZATION OF RARE GAS AND HYDROGEN ATOMS.
AD-628 724 7E T 66 07

HYDROGEN, IONIZATION
CROSS SECTION FOR IMPACT IONIZATION OF ATOMS BY H/IS/ ATOMS NEAR THRESHOLD.
N66-12144 20H U 41 08 HC$ 1.00 MF$ 0.50

HYDROGEN, MASS SPECTROSCOPY
HYDROGEN AND HELIUM IONS.
N66-11224 20H U 41 08 HC$ 2.00 MF$ 0.50

HYDROGEN, OXIDATION
OXIDATION OF HYDROGEN ON NICKEL ELECTRODES IN SODIUM HYDROXIDE SOLUTION.
AD-628 250 7B T 66 07

HYDROGEN, PARTICLE BEAMS
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES.
AD-629 066 7D T 66 07 HC$ 1.00 MF$ 0.50

HYDROGEN, PHOTONUCLEAR REACTIONS
POLARIZATION OF THE RECOIL PROTON FROM PI(0) 0 PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

HYDROGEN, PHYSICAL PROPERTIES
FORTRAN IV HYDROGEN PROPERTY TABULAR CODES.
LA-3381 20M U 41 07 HC$ 2.00 MF$ 0.50

THERMODYNAMIC-TRANSPORT AND RELATED PROPERTIES OF PARA-HYDROGEN FROM 36 TO 5000 DEG R AT PRESSURES TO 5000 PSIA.
LA-3405 20M U 41 07 HC$ 2.00 MF$ 0.50

HYDROGEN, PLASMA MEDIUM
RESEARCH ON ROTATING RF FIELD PLASMA.
AD-628 930 20I T 66 08 HC$ 1.60 MF$ 0.50

HYDROGEN, RESONANCE SCATTERING
RESONANCE SCATTERING OF LYMAN-ALPHA RADIATION BY HYDROGEN IN THE GROUND STATE.
AD-628 493 20F T 66 07 HC$ 2.60 MF$ 0.50

HYDROGEN, SOLAR ATMOSPHERE
A HIGH ALTITUDE MEASUREMENT TO DETERMINE THE RATIO OF DEUTERIUM TO HYDROGEN IN THE SOLAR ATMOSPHERE.
N66-12863 3B U 41 08 HC$ 1.00 MF$ 0.50

HYDROGEN, SUBSTITUTION REACTIONS
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XXII. INTRAMOLECULAR HYDROGEN TRANSFER REACTIONS IN BASE-CATALYZED ALLYLIC REARRANGEMENTS.
AD-629 639 7C T 66 08

HYDROGEN, TRANSPORT PROPERTIES
ENHANCED CHEMICAL ENERGY TRANSPORT EFFECTS ON CONVECTIVE HEAT FLUXES IN THE HYDROGEN-OXYGEN SYSTEM.
AD-629 247 20M T 66 08

HYDROGRAPHIC SURVEYING, PACIFIC OCEAN
SUBBOTTOM PROFILE OF ABYSSAL SEDIMENTS IN THE CENTRAL EQUATORIAL PACIFIC.
AD-628 966 8J T 66 08

REFLECTION PROFILES ACROSS THE MIDDLE AMERICA TRENCH.
AD-629 136 8J T 66 08

HYDROLOGY, AUSTRALIA
IN INTERNATIONAL SCIENTIFIC ORGANIZATIONS (AUSTRALIAN SYMPOSIUM ON WATER RESOURCES).
AD-628 846 8H T 66 07 HC$ 1.00 MF$ 0.50

HYDROLOGY, ICE ISLANDS
ICE CONSTRUCTION: SURVEY OF EQUIPMENT FOR FLOODING.
AD-628 548 13B T 66 07 HC$ 2.00 MF$ 0.50

HYDROLOGY, RADIOLOGICAL CONTAMINATION
POST-SHOT HYDROLOGIC SAFETY.
AD-629 407 18C T 66 08 HC$ 3.00 MF$ 0.50

HYDROMETERS, SENSITIVITY
FURTHER MOISTURE ANALYZER STUDIES.
N66-10683 10C U 41 08 HC$ 2.00 MF$ 0.50

HYDROPHONES, AMPLIFIERS
SPAR ACOUSTIC SIGNAL AMPLIFICATION SYSTEM.
AD-628 487 9A T 66 07 HC$ 3.60 MF$ 0.50

HYDROPHONES, CALIBRATION
SPAR HYDROPHONE CALIBRATION SYSTEM.
AD-628 486 9E T 66 07 HC$ 1.60 MF$ 0.50

HYDROPHONES, DESIGN
THE SPAR HYDROPHONES.
AD-628 488 9A T 66 07 HC$ 2.60 MF$ 0.50

HYDROSTATIC PRESSURE, MODEL TESTS
HYDROSTATIC PRESSURE TESTS OF CYLINDERS FABRICATED FROM HOLLOW-FILAMENT, GLASSREINFORCED PLASTIC.
AD-628 442 20D T 66 07 HC$ 1.00 MF$ 0.50

HYDROXIDES, DIELECTRIC PROPERTIES
REMARK ON THE HYDROXYL ION SYSTEM IN ALKALI HALIDES.
AD-629 240 20C T 66 08

HYDROXIDES, SPECTROSCOPY
OBSERVATION OF THE DELTA NU=1 SEQUENCE OF OH PRODUCED IN THE H + 03 REACTION.
AD-629 115 4A T 66 08

HYPERFINE STRUCTURE, DEUTERIUM
HYPERFINE SEPARATION OF DEUTERIUM.
AD-628 465 7D T 66 07

HYPERSONIC CHARACTERISTICS, BLUNT BODIES
DISSOCIATION EFFECTS ON THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN A HIGH MACH NUMBER AND LOW REYNOLDS NUMBER HYPERSONIC FLOW.
AD-628 142 20D T 66 07

HYPERSONIC FLIGHT, BOUNDARY LAYER
TWO-DIMENSIONAL HYPERSONIC STAGNATION FLOW AT LOW REYNOLDS NUMBERS.
AD-629 666 20D T 66 08

HYPERSONIC FLIGHT, FLIGHT PATHS
OPERATING BOUNDARIES FOR STEADY HYPERSONIC FLIGHT ON A MINOR CIRCLE.
AD-629 043 22B T 66 08

HYPERSONIC FLOW, BODIES OF REVOLUTION
INVISCID HIGH TEMPERATURE HYPERSONIC FLOW OF AIR PAST POINTED BODIES OF REVOLUTION.
AD-467 786 20D U 41 08 HC$ 2.00 MF$ 0.50

HYPERSONIC FLOW, CONDENSATION
DIGITAL COMPUTER STUDIES OF CONDENSATION IN EXPANDING ONE-COMPONENT FLOWS.
AD-628 543 20D T 66 07 HC$ 6.60 MF$ 0.75

HYPERSONIC FLOW, CONICAL BODIES
EXPERIMENTAL DETERMINATION OF PRESSURE DISTRIBUTION OVER SLENDER CONES AT ANGLES OF ATTACK AT MACH 14.
AD-628 549 20D T 66 07 HC$ 4.60 MF$ 0.50

HYPERSONIC FLOW, CYLINDRICAL BODIES
PITOT AND STATIC PRESSURE MEASUREMENTS IN THE SEPARATED REGION OF SPIKED CYLINDER IN HYPERSONIC FLOW.
AD-628 683 20D T 66 07 HC$ 3.00 MF$ 0.75

HYPERSONIC FLOW, FLOW SEPARATION
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS.
AD-628 182 20D T 66 07 HC$ 3.60 MF$ 0.50

HYPERSONIC FLOW, SHOCK WAVES
VISCOUS HYPERSONIC FLOW WITH PARABOLIC AXIALLY SYMMETRIC SHOCK.
AD-629 044 20D T 66 08 HC$ 1.00 MF$ 0.50

HYPERSONIC FLOW, THERMAL RADIATION
HIGH SPEED VISCOUS, REACTING AND RADIATING FLOWS.
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50

HYPERSONIC FLOW, VARIABLE AREA NOZZLES
RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

HYPERSONIC FLOW, WINGS
WINGS IN HYPERSONIC FLOW.
AD-628 303 20D T 66 07 HC$ 3.60 MF$ 0.50

HYPERSONIC PLANES, AERODYNAMIC CHARACTERISTICS
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 9.45.
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50

HYPERSONIC PLANES, SURFACE TEMPERATURES
EQUILIBRIUM, ADIABATIC WALL, AND STAGNATION TEMPERATURES AT ALTITUDES UP TO 100,000 FEET AND MACH NUMBERS UP TO 20.

AD-462 332 1A U 41 07 HC$ 9.60

HYPERSONIC WIND TUNNELS, HEATERS
DEVELOPMENT AND OPERATION OF AN ELECTRICAL-RESISTANCE AIR HEATER FOR THE ARL TWENTY-INCH HYPERSONIC WIND TUNNEL.
AD-628 614 14A T 66 07 HC$ 6.60 MF$ 0.75

HYPERSONIC WIND TUNNELS, PERFORMANCE (ENGINEERING)
PERFORMANCE ANALYSIS OF THE APL HYPER- SONIC GUN TUNNEL.
AD-458 368 14A U 41 08 HC$ 6.60

HYPOTHERMIA, ARRHYTHMIA
ANTIARRHYTHMIC ACTIVITY OF ANTAZOLINE AND ITS APPLICATION TO THE CONTROL OF HYPO- THERMIC VENTRICULAR FIBRILLATION.
AD-629 548 6O T 66 08 HC$ 2.00 MF$ 0.50

HYPOTHERMIA, HEART
EFFECT OF PROLONGED HYPOTHERMIA ON THE HEART AND LIVER.
AD-629 067 6S T 66 08 HC$ 1.10 MF$ 0.50

ICE ISLANDS, CONSTRUCTION
ICE CONSTRUCTION: SURVEY OF EQUIPMENT FOR FLOODING.
AD-628 548 13A T 66 07 HC$ 2.00 MF$ 0.50

ICE ISLANDS, UNDERWATER SOUND
TEMPERATURE-AND WIND-DEPENDENT AMBIENT NOISE UNDER MIDWINTER PACK ICE.
AD-629 276 20A T 66 08

ICELAND, COMMERCE
ICELAND.
PB-169 268 5C U 41 07 HC$ 4.00 MF$ 0.75

ICE, ADHESIONS
THE ADHESION OF ICE TO HYDROPHOBIC SURFACES.
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50

ICE, ARCTIC REGIONS
REPORT OF THE ARCTIC ICE OBSERVING AND FORECASTING PROGRAM, 1964.
AD-628 536 8L T 66 07 MF$ 1.00

ICE, DIFFUSION
MEASUREMENT BY NMR OF THE DIFFUSION RATE OF HF IN ICE.
AD-629 656 7D T 66 08

ICE, GEOLOGY
ON THE MODE OF UPLIFT OF THE FISH AND FOSSILIFEROUS MORAINES OF THE MCMURDO ICE SHELF, ANTARCTICA.
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50

IDENTIFICATION SYSTEMS, SOUND
AURAL DETECTION AND IDENTIFICATION OF THE PRESENCE OF PERSONNEL.
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50

IGNEOUS ROCK, REDUCTION(CHEMISTRY)
RESEARCH ON PROCESSES FOR UTILIZATION OF LUNAR RESOURCES.
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75

IGNEOUS ROCK, X RAY SPECTROSCOPY
OXYGEN DETERMINATIONS IN SILICATES AND TOTAL MAJOR ELEMENTAL ANALYSIS OF ROCKS BY SOFT X-RAY SPECTROMETRY.
AD-629 074 8G T 66 08

IGNITION, THEORY
IGNITION OF AN EVAPORATING FUEL IN A HOT OXIDIZING GAS, INCLUDING THE EFFECT OF HEAT FEEDBACK.
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50

ILLUSIONS, NYSTAGMUS
THE ROLE OF VESTIBULAR NYSTAGMIS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK.
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

ILLUSIONS, STRESS(PHYSIOLOGY)
THE PERCEPTION OF VERTICAL IN THE PRESENCE OF INCREASED ACCELERATIVE FORCES.
AD-468 195 6S U 41 07 HC$ 1.00 MF$ 0.50

IMMUNOLOGY, FLUORESCENT ANTIBODY TECHNIQUES
IMMUNOFLUORESCENCE, AN ANNOTATED BIBLIOGRAPHY. III. STUDIES OF FUNGI, METAZOA, PROTOZOA, AND RICKETTSIAE.
AD-628 666 6M T 66 07 HC$ 2.00 MF$ 0.50

IMMUNOLOGY, MILITARY MEDICINE
1965 RESEARCH CLERKSHIP REPORTS.
AD-628 384 6E T 66 07 HC$ 5.60 MF$ 0.50

IMMUNOLOGY, TRANSPLANTATION
STUDIES OF THE IMMUNOLOGICAL FACTORS INVOLVED IN HOMOLOGOUS TISSUE TRANSPLANTATION.
AD-628 857 6E T 66 07 HC$ 3.00 MF$ 0.75

IMPACT SHOCK, CONTAINERS
IMPACT RESISTANCE OF CASKS.
CONF-641201-16 13D U 41 07 HC$ 2.00 MF$ 0.75

IMPACT TESTS, COPPER
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME II. ANALYTICAL AND EXPERIMENTAL PLASTIC STRAIN PROFILES IN HIGH VELOCITY IMPACT.
AD-628 977 11F T 66 08 HC$11.60 MF$ 0.75

IMPACT TESTS, HELMETS
IMPACT TEST METHODS FOR HELMETS. SUPPLEMENT I TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 679 6O T 66 07 HC$ 1.00 MF$ 0.50

IMPELLERS, DESIGN
EFFECT OF IMPELLER DESIGN CHANGES ON CHARACTERISTICS OF A MODEL DREDGE PUMP.
AD-629 012 13K T 66 08 HC$22.00 MF$ 1.25

IMPLANTS, RADIO TRANSMITTERS
BODY MOISTURE AND THE OPERATING LIFE OF IMPLANTABLE HEART RATE TRANSMITTERS.
AD-628 262 6B T 66 07

IMPURITIES, LINE SPECTRUM
PHONON BROADENING OF IMPURITY SPECTRAL LINES. III. DIAGRAM TECHNIQUE.
AD-628 519 20L T 66 07

INCOHERENT SCATTERING, PLASMA OSCILLATIONS
INCOHERENT SCATTER FROM PLASMA OSCILLATIONS IN THE IONOSPHERE.
AD-629 337 4A T 66 08

INCOMPRESSIBLE FLOW, SECONDARY FLOW
CONVECTIVE INSTABILITIES IN FULLY DEVELOPED FLOWS.
AD-628 098 20D T 66 07 HC$ 1.60 MF$ 0.50

INDIAN OCEAN ISLANDS, COMMERCE
MAURITIUS.
PB-169 279 5C U 41 07 HC$ 2.00 MF$ 0.50

INDIAN OCEAN, RADIATION EFFECTS
THE USE OF A DEEP-WATER GAMMA RADIOMETER FOR THE MEASUREMENT OF RADIOACTIVITY IN THE OCEAN.
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50

INDIA, COMMERCE
INDIA.
PB-169 256 5C U 41 07 HC$ 3.00 MF$ 0.75

INDIA, INDUSTRIAL RESEARCH
INDIAN INDUSTRY: SOME PROPOSED AREAS OF RESEARCH.
AD-629 223 5C T 66 08 HC$ 1.10 MF$ 0.50

INDIUM ALLOYS, ANTIMONY ALLOYS
CONDUCTION ELECTRON SCATTERING BY IONIZED DONORS IN INSB AT 80K.
AD-628 437 20L T 66 07

FIELD EFFECT MEASUREMENTS ON THE A AND B (111) SURFACES OF INDIUM ANTIMONIDE.
AD-629 200 20L T 66 08 HC$ 1.60 MF$ 0.50

INDIUM COMPOUNDS, ANTIMONIDES
COMMENTS ON 'NERNST EFFECT IN INDIUM ANTIMONIDE'.
AD-628 608 20L T 66 07

INDUCTION HEATING, CARBON
PREPARATION OF LOW-CARBON-CONTENT IRON FOR USES AN ACCELERATOR FOR CARBON DETERMINATIONS.
N65-35964 11F U 41 07 HC$ 1.00 MF$ 0.50

INDUSTRIAL EQUIPMENT, CONTROL
AN ANALYSIS OF CHEMICAL REACTOR STABILITY AND CONTROL.
PB-169 137 7A U 41 07 HC$ 4.00 MF$ 0.75

INDUSTRIAL PLANTS, STANDARDS
A STANDARDS AND CALIBRATION PROGRAM IN A LARGE DEFENSE PLANT.
BDX-613-43 14B U 41 07 HC$ 1.00 MF$ 0.50

INDUSTRIAL PRODUCTION, WEAPON SYSTEMS
ALO STANDARD STRUCTURE FOR MANAGERIAL DATA.
ALO-1 5A U 41 08 HC$ 3.00 MF$ 0.75

INDUSTRIAL RESEARCH, STEEL
THE DEVELOPMENT OF A NEW DETERMINATION OF THE DUTILE-BRITTLE TRANSITION TEMPERATURE.
EURAEC-1217 11F U 41 07 HC$ 2.00 MF$ 0.50

INDUSTRIES, INDIA
INDIAN INDUSTRY: SOME PROPOSED AREAS OF RESEARCH.
AD-629 223 5C T 66 08 HC$ 1.10 MF$ 0.50

INDUSTRIES, UNITED STATES
CONFERENCE ON STATE TECHNICAL SERVICES (2ND), DECEMBER 9-10, 1965, STATLER HILTON HOTEL, WASHINGTON, D. C.
PB-169 325 5C U 41 07 HC$ 3.60 MF$ 0.50

INELASTIC SCATTERING, PROBABILITY
THEORETICAL CALCULATIONS OF INELASTIC SCATTERING MATRICES FOR MULTIGROUP REACTOR ANALYSIS.
WCAP-3269-34 18K U 41 08 HC$ 3.00 MF$ 0.50

INEQUALITIES, CONVEX SETS
A NEW PROOF OF AN INEQUALITY OF HEINZ.
AD-629 567 12A T 66 08

INEQUALITIES, GAME THEORY
THE INEQUALITIES THAT DETERMINE THE BARGAINING SET M1(I).
AD-628 067 12B T 66 07 HC$ 1.00 MF$ 0.50

INEQUALITIES, STATISTICAL ANALYSIS
SOME INEQUALITIES FOR SYMMETRIC MEANS.
AD-629 135 12A T 66 08

INERFEROMETERS, ATMOSPHERE ENTRY
WAVEFRONT FOLDING INTERFEROMETER.
AD-628 784 17H T 66 07 HC$ 3.60 MF$ 0.50

INFANTS, HEMORRHAGE
SUBEPENDYMAL CEREBRAL HEMORRHAGE IN INFANCY.
AD-628 757 6E T 66 07

INFLATABLE STRUCTURES, MODEL TESTS
INFLATABLE STRUCTURE TEST PROGRAM.

AD-628 050 13M T 66 07 HC$ 2.00 MF$ 0.50

INFORMATION RE TRIEVAL, PROGRAMMING(COMPUTERS)
UPDATING OF THESAUR PROGRAM.
AD-629 368 6D T 66 08 HC$ 5.60 MF$ 0.50

INFORMATION RETRIEVAL, AERIAL PHOTOGRAPHS
STUDY OF NIMBUS SATELLITE PHOTOGRAPH ARCHIVES SYSTEM REQUIREMENTS FOR UNITIZED MICROFORM.
PB-169 372 14E U 41 08 HC$ 5.60 MF$ 0.50

INFORMATION RETRIEVAL, CHEMISTRY
IDEEA NETWORK IMPLEMENTATION, FISCAL YEAR 1965.
AD-629 225 5B T 66 08 HC$ 2.00 MF$ 0.50

INFORMATION RETRIEVAL, COMPUTERS
THE APPLICATIONS OF COMPUTERS TO THE APL STORAGE AND RETRIEVAL SYSTEM.
AD-462 339 5B U 41 08 HC$ 2.60

A STORAGE AND RETRIEVAL SYSTEM FOR REALTIME PROBLEM SOLVING.
AD-467 454 9B U 41 08 HC$ 3.00 MF$ 0.50

INFORMATION RETRIEVAL, DATA STORAGE SYSTEMS
THE CATALOG INPUT/OUTPUT SYSTEM.
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75

INFORMATION RETRIEVAL, DISPLAY SYSTEMS
HUMAN ENGINEERING THE GPDS/LUCID SYSTEM: CONSIDERATIONS AND PLANS.
AD-628 206 5B T 66 07 HC$ 2.00 MF$ 0.50

INFORMATION RETRIEVAL, LINGUISTICS
ON THE THEORETICAL BASIS OF INFORMATION RETRIEVAL SYSTEMS.
AD-628 183 5B T 66 07 HC$ 6.00 MF$ 1.25

INFORMATION RETRIEVAL, PERIODICALS
A SERIALS DATA PROGRAM FOR SCIENCE AND TECHNOLOGY. RESULTS OF A FEASIBILITY STUDY.
PB-169 405 5B U 41 08 HC$ 5.00 MF$ 1.00

INFORMATION RETRIEVAL, SUBJECT INDEXING
SOME THEORETICAL ASPECTS OF THE IMPROVEMENT OF DOCUMENT SCREENING BY ASSOCIATIVE TRANSFORMATIONS.
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50

INFORMATION THEORY, CLASSIFICATION
THE LOEVE-KARHUNEN EXPANSION AS A MEANS OF INFORMATION COMPRESSION FOR CLASSIFICATION OF CONTINUOUS SIGNALS.
AD-628 684 9D T 66 07 HC$ 3.60 MF$ 0.50

INFORMATION THEORY, DEMODULATORS
MAXIMIZATION OF TRANSINFORMATION IN PHOTODETECTION.
AD-628 807 9E T 66 07 HC$ 6.60 MF$ 0.75

INFORMATION THEORY, INTEGRAL TRANSFORMS
DUALITY AND INFORMATION COMPONENTS IN FOURIER TRANSFORMS.
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75

INFORMATION THEORY, LANGUAGE
'USE' AND MENTION IN THE INFORMATION SCIENCES.
AD-629 367 5B T 66 08

INFORMATION THEORY, PHOTOELECTRIC EFFECT
COMMUNICATION CHARACTERISTICS OF PHOTOELECTRIC DETECTION.
AD-628 546 9D T 66 07 HC$ 3.00 MF$ 0.75

PHOTOELECTRON STATISTICS FOR VARIABLE TIME AND BANDWIDTH.
AD-628 806 9D T 66 07 HC$ 5.60 MF$ 0.50

INFORMATION THEORY, PULSE COMMUNICATION SYSTEMS
APPLICATION OF THE MAXIMUM PRINCIPLE TO THE DESIGN OF MINIMUM BANDWIDTH PULSES.
AD-629 408 9D T 66 08

INFORMATION THEORY, QUANTUM MECHANICS
QUANTUM FIELD THEORETICAL MODELS OF COMMUNICATION SYSTEMS.
AD-628 711 9D T 66 07 HC$20.80 MF$ 1.25

INFORMATION THEORY, SCIENTIFIC RESEARCH
SEMIANNUAL PROGRESS REPORT NO. 70, JANUARY 1, 1965-JULY 1, 1965.
AD-629 484 9C T 66 08 HC$ 6.60 MF$ 0.75

INFORMATION THEORY, SIGNALS
THE DETECTION OF KNOWN SIGNALS IN COLORED GAUSSIAN NOISE.
AD-629 369 9D T 66 08

INFORMATION THEORY, SIGNAL-TO-NOISE RATIO
LINEAR NOISE FILTERING AND PREDICTING SYSTEMS.
PB-169 144 9D U 41 08 HC$ 1.00 MF$ 0.50

INFRARED EQUIPMENT, INTERFEROMETERS
MEASUREMENTS IN THE FAR INFRARED.
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75

INFRARED EQUIPMENT, PROGRAMMING (COMPUTERS)
NIMBUS HRIR EQUIPMENT DIAGNOSTIC TEST PROGRAM.
N66-10688 9B U 41 08 HC$ 2.00 MF$ 0.50

INFRARED PHENOMENA, POLYMERS
CALCULATION OF CRYSTAL BIREFRINGENCE AND INFRARED DICHROISM IN POLYMERIC SAMPLES FROM X-RAY POLE FIGURE DATA.
AD-628 503 11I T 66 07 HC$ 3.60 MF$ 0.50

INFRARED PHENOMENA, SEMICONDUCTORS
FAR-INFRARED ABSORPTION IN N-TYPE SILICON DUE TO PHOTON-INDUCED HOPPING.
AD-629 187 20L T 66 08

INFRARED PULSES, PROCESSING
USER GUIDE FOR HRIR MODIFICATIONS TO THE APTS GROUND STATIONS.
N66-11671 22D U 41 08 HC$ 3.00 MF$ 0.75

INFRARED RADIATION, LUMINESCENCE
LUMINESCENCE, INFRARED RESPONSE AND ENERGY STORAGE OF VARIOUS LUMINESCENT MATERIALS IN RELATION TO PREPARATIVE METHODS AND CONDITIONS.
AD-628 394 20F T 66 07 HC$ 2.00 MF$ 0.50

INFRARED RADIATION, METEOROLOGICAL PHENOMENA
EVALUATION OF INFRARED EMISSION OF CLOUDS AND GROUND AS MEASURED BY WEATHER SATELLITES.
AD-629 081 4A T 66 08 HC$ 4.00 MF$ 0.75

INFRARED RADIATION, WEATHER FORECASTING
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

INFRARED SPECTROSCOPY, ANALYSIS
MATERIALS ANALYTICAL RESEARCH.
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50

INFRARED SPECTROSCOPY, HALIDES
ABSOLUTE INFRARED INTENSITIES IN MIXED HYDROGEN HALIDE CRYSTALS.
AD-629 465 7D T 66 08

INFRARED SPECTROSCOPY, HYDROCHLORIC ACID
INFRARED SPECTRA OF HC1 IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

INFRARED SPECTROSCOPY, METAL CARBONYLS
ABSOLUTE INFRARED INTENSITIES OF THE FUNDAMENTAL ABSORPTION BANDS IN SOLID CARBONYL SULFIDE.
AD-629 464 7D T 66 08

INFRARED SPECTROSCOPY, OXIDES
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

INFRARED SPECTROSCOPY, OZONE
OZONE ABSORPTION IN THE 9.0 MICRON REGION.
AD-628 059 7D T 66 07 HC$ 3.00 MF$ 0.75

INFRARED SPECTROSCOPY, PHOSPHONITRILE CHLORIDES
SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES.
AD-629 552 7B T 66 08

INFRARED SPECTROSCOPY, QUARTZ
MEASUREMENTS IN THE FAR INFRARED.
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75

INFRARED SPECTROSCOPY, SOLIDS
MODERN SPECTROSCOPY OF SOLIDS.
AD-629 030 20F T 66 08

INFRARED SPECTROSCOPY, WATER VAPOR
ABSOLUTE INTENSITY MEASUREMENTS FOR THE 2.7 MICRON BAND OF WATER VAPOR IN A SHOCK TUBE.
AD-629 612 7D T 66 08

INGESTION(PHYSIOLOGY), ADIPOSE TISSUE
INFLUENCE OF PERIODICITY OF EATING ON ADIPOSE TISSUE METABOLISM IN THE RAT.
AD-628 963 6P T 66 08

INLAND WATERWAYS, CONCRETE
CANAL CAPACITY STUDIES: CONCRETE SECTIONS, MAIN CANAL (LONG LAKE REACH) COLUMBIA BASIN PROJECT.
PB-169 373 13B U 41 08 HC$ 4.00 MF$ 0.75

INLET GUIDE VANES, NOISE
EXPERIMENTAL NOISE STUDIES OF INLET-GUIDE-VANE-ROTOR-STATOR INTERACTIONS FOR A SINGLE-STAGE AXIAL-FLOW COMPRESSOR.
N66-10651 20A U 41 08 HC$ 1.00 MF$ 0.50

INSECT REPELLANTS, INFRARED SPECTROSCOPY
FAR INFRARED SPECTRA OF MOSQUITO REPELLENTS.
AD-629 392 6F T 66 08

INSECTS, DISEASE VECTORS
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE, VOLUME 5, NO. 2.
AD-629 374 6C T 66 08 HC$ 1.00 MF$ 0.50

INSTRUCTION MANUALS, PROGRAMMING (COMPUTERS)
CODED CIRCUIT ANALYSIS. VOL. I. INSTRUCTION MANUAL FOR DC-AC APPLICATIONS.
AD-628 110 9E T 66 07 HC$ 4.00 MF$ 0.75

INSTRUMENTA TION, METERS
MODERN GAGE CONTROL.
BDX-613-39 14B U 41 08 HC$ 2.00 MF$ 0.50

INSTRUMENTATION, DOCUMENTATION
GUIDE TO INSTRUMENTATION LITERATURE.
C13.10-271 14B U 41 08 MF$ 1.25

INTEGRAL EQUATIONS, APPROXIMATION (MATHEMATICS)
SINGULAR SOLUTIONS OF CERTAIN INTEGRAL EQUATIONS.
AD-629 685 12A T 66 08 HC$ 4.60 MF$ 0.50

INTEGRAL EQUATIONS, PERTURBATION THEORY
PERTURBATIONS OF A NONLINEAR VOLTERRA EQUATION.
AD-628 088 12A T 66 07

INTEGRAL EQUATIONS, TRANSPORT PROPERTIES

INITIAL VALUE METHODS FOR THE BASIC BOUNDARY VALUE PROBLEM AND INTEGRAL EQUATION OF RADIATIVE TRANSFER,
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50

INTEGRAL TRANSFORMS, DISTRIBUTION THEORY
A DISTRIBUTIONAL K TRANSFORMATION WITH APPLICATIONS TO TIME-VARYING ELECTRICAL NETWORKS.
AD-629 060 12A T 66 08 HC$ 2.00 MF$ 0.50

INTEGRAL TRANSFORMS, FUNCTIONAL ANALYSIS
MULTIPLIERS OF FOURIER TRANSFORM IN A HALF-SPACE,
AD-629 051 12A T 66 08

ON FUNCTIONS WITH FOURIER TRANSFORMS IN L(P),
AD-629 619 12A T 66 08

INTEGRAL TRANSFORMS, INFORMATION THEORY
DUALITY AND INFORMATION COMPONENTS IN FOURIER TRANSFORMS.
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75

INTEGRAL TRANSFORMS, PARTIAL DIFFERENTIAL EQUATIONS
THE RADIAL HEAT EQUATION AND LAPLACE TRANSFORMS.
N66-12254 20M U 41 07 HC$ 1.00 MF$ 0.50

INTEGRALS, FUNCTIONS
A NOTE ON INDEFINITE INTEGRALS,
AD-628 090 12A T 66 07

INTEGRAL REPRESENTATIONS FOR HARMONIC FUNCTIONS IN THREE REAL VARIABLES,
AD-628 524 12A T 66 07

INTEGRALS, NUMERICAL ANALYSIS
CONCERNING THE VALUE OF A DEFINITE INTEGRAL,
AD-629 486 12A T 66 08

INTEGRALS, POTENTIAL THEORY
A GENERAL PERRON INTEGRAL,
AD-629 134 12A T 66 08

INTEGRATED CIRCUITS, BAND-PASS AMPLIFIERS
SYNTHESIS OF INTEGRATED SELECTIVE AMPLIFIERS FOR SPECIFIED RESPONSE AND DESENSITIVITY.
AD-628 677 9E T 66 07 HC$ 4.00 MF$ 0.75

INTEGRATED CIRCUITS, CIRCUIT INTERCON NECTIONS
PLANAR INTEGRATION OF THIN FILM UNITS.
AD-655 010 9A U 41 08 HC$ 3.60

INTEGRATED CIRCUITS, MANUFACTURING METHODS
RESEARCH AND DEVELOPMENT LOW COST INTEGRATED CIRCUIT TECHNIQUES.
AD-628 618 9A T 66 07 HC$ 7.60 MF$ 0.75

INTEGRATED CIRCUITS, OSCILLATORS
SEMICONDUCTOR INTEGRATED OSCILLATORS.
AD-629 578 9E T 66 08 HC$ 6.00 MF$ 1.25

INTEGRATED CIRCUITS, SILICON
PRODUCTION ENGINEERING MEASURE FOR SILICON LINEAR INTEGRATED CIRCUITS.
AD-628 990 9A T 66 08 HC$ 1.00 MF$ 0.50

TECHNOLOGY FOR PNP INTEGRATED CIRCUITS.
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50

INTEGRATED CIRCUITS, TESTS
MODULES (INTEGRATED CIRCUITS) FOR COMMUNICATIONS.
AD-628 117 9E T 66 07 HC$ 4.60 MF$ 0.50

INTEGRATION, DIFFERENTIAL EQUATIONS
NUMERICAL INTEGRATION OF FIRST-ORDER STIFF DIFFERENTIAL EQUATIONS.
AD-628 091 12A T 66 07 HC$ 1.00 MF$ 0.50

INTEGRATION, EQUATIONS OF MOTION
THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A VISCOUS FLUID, PART 1.
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50

INTEGRATION, NUMBERICAL METHODS AND PROCEDURES
SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. I. ERROR COEFFICIENTS,
AD-628 522 12A T 66 07

INTEGRATION, NUMERICAL METHODS AND PROCEDURES
INTEGRATION RULES OF HYPERCUBIC SYMMETRY OVER A CERTAIN SPHERICALLY SYMMETRIC SPACE,
AD-628 521 12A T 66 07

SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. II. RULE PROJECTION AND RULE EXTENSION,
AD-629 529 12A T 66 08

INTEGRATION, N-BODY PROBLEM
NUMERICAL INTEGRATION OF AN ORBIT AND ITS CONCOMITANT VARIATIONS BY RECURRENT POWER SERIES,
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50

INTEGRATORS, BATTERIES + COMPONENTS
SOLID STATE AMPERE HOUR INTEGRATOR,
N66-11205 14B U 41 08 HC$ 1.00 MF$ 0.50

INTEGUMENTARY DISEASES, LIPIDS
HUMAN SKIN LIPIDS AND THEIR RELATION TO SKIN DISEASES.
AD-467 008 6E U 41 07 HC$ 1.00 MF$ 0.50

INTERCOMMUNICATION SYSTEMS, HELMETS
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

INTERFEROMETERS, ALIGNMENT
PRINCIPLES AND OPERATION OF THE ALIGNMENT INTERFEROMETER,
Y-1489 18D U 41 07 HC$ 2.00 MF$ 0.50

INTERFEROMETERS, INFRARED EQUIPMENT
MEASUREMENTS IN THE FAR INFRARED.
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75

INTERGRATED CIRCUITS, CAMERAS
PINHOLE ARRAY CAMERA FOR INTEGRATED CIRCUITS,
AD-628 485 14E T 66 07 HC$ 1.00 MF$ 0.50

INTERMEDIATE FREQUENCY AMPLIFIERS, INTEGRATED CIRCUITS
MODULES (INTEGRATED CIRCUITS) FOR COMMUNICATIONS.
AD-628 117 9E T 66 07 HC$ 4.60 MF$ 0.50

INTERMETALLIC COMPOUNDS, PRINTED CIRCUITS
MICROELECTRONIC SOLID-STATE DISPLAY ASSEMBLY.
AD-629 596 9E T 66 08 HC$ 2.60 MF$ 0.50

INTERMETALLIC COMPOUNDS, SCIENTIFIC RESEARCH
SOLID STATE RESEARCH 1965-3.
AD-629 048 20L T 66 08 HC$ 3.00 MF$ 0.75

INTERMETALLIC COMPOUNDS, SUPERCONDUCTORS
SOME NEW SUPERCONDUCTING COMPOUNDS,
AD-628 822 20L T 66 07

INTERNAL CONVERSION, IRON
INTERNAL CONVERSION IN FE57 FROM THE MOSSBAUER EFFECT IN IRON,
AD-628 824 20H T 66 07

INTERNAL FRICTION, CRYSTAL LATTICE DEFECTS
STRESSES ON SECONDARY SYSTEMS DUE TO PILED-UP GROUPS OF DISLOCATIONS OF ARBITARY ORIENTATION.
AD-629 749 20B T 66 08

INTERPLANETARY TRAJECTORIES, MONITORS
A IMP MISSION PROFILE AND REAL TIME COMPUTING SYSTEM DESCRIPTION,
N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50

INTERPLANETARY TRAJECTORIES, MOON
ELECTRICALLY-PROPELLED CARGO VEHICLE FOR SUSTAINED LUNAR SUPPLY OPERATIONS.
N66-10612 22B U 41 08 HC$ 6.00 MF$ 1.25

INTERPLANETARY TRAJECTORIES, SPECIFIC IMPULSE
PERFORMANCE ANALYSIS OF CHEMICAL STAGES IN THE 300 TO 400 SECOND SPECIFIC IMPULSE RANGE FOR INTERPLANETARY MISSIONS.
N66-12150 22C U 41 07 HC$ 3.00 MF$ 0.75

INTERSTELLAR MATTER, ABSORPTION SPECTRUM
ON THE INTERACTION OF RADIATION FROM DISTANT SOURCES WITH THE INTERVENING MEDIUM,
AD-628 475 3B T 66 07

INTERSTELLAR MATTER, OCEAN BOTTOM SAMPLING
RESEARCH ON QUANTITIES AND CONCENTRATIONS OF EXTRATERRESTRIAL MATTER THROUGH SAM- PLING OF OCEAN BOTTOMS. SIX M-MONTH STATUS REPORT, MAR-AUG 1965,
N66-11769 8G U 41 08 HC$ 1.00 MF$ 0.50

INTESTINES, RADIATION EFFECTS
INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY.
N66-12200 6R U 41 08 HC$ 1.00 MF$ 0.50

INTESTINES, SPIROCHAETA
INTESTINAL SPIROCHETES AND DISEASE IN DOGS.
LF-27 6M U 41 07 HC$ 1.00 MF$ 0.50

INVARIANCE, CONTROL SYSTEMS
INVARIANCE, UNCONTROLLABILITY, AND UNOBSERVABILITY IN DYNAMICAL SYSTEMS,
AD-628 697 12A T 66 07

INVARIANCE, DYNAMICS
INVARIANCE PRINCIPLES AND APPROXIMATION IN TURBULENCE DYNAMICS.
AD-628 542 20D T 66 07 HC$ 2.00 MF$ 0.50

INVARIANCE, MATRIX ALGEBRA
ON THE INVARIANTS OF A VECTOR SUBSPACE OF A VECTOR SPACE OVER A FIELD OF CHARACTERISTIC TWO.
AD-629 712 12A T 66 08

INVARIANCE, TOPOLOGY
ON THE FLOW OUTSIDE A CLOSED INVARIANT SET; STABILITY, RELATIVE STABILITY AND SADDLE SETS,
AD-629 272 12A T 66 08

INVENTORY CONTROL, ELECTRONIC EQUIPMENT
A STUDY OF MILITARY ELECTRONIC AND ELECTRO- MECHANICAL SPECIFICATION PART IDENTIFICATION REQUIREMENTS.
AD-629 544 15E T 66 08 HC$ 3.00 MF$ 0.75

INVERTERS, DESIGN
DESIGN OF A MEDIUM POWER DC TO 115 VOLT, 60 HERTZ AC INVERTER,
N66-11217 10A U 41 08 HC$ 1.00 MF$ 0.50

IODIDES, SEMI CONDUCTORS
VAPOR TRANSPORT AND THERMODYNAMIC EQUILIBRIA IN THE GERMANIUM-GALLIUM-IODINE SYSTEM,
AD-629 291 20L T 66 08

IODINE COMPOUNDS, ABSORPTION SPEC TRUM
THE CONTINUOUS ABSORPTION SPECTRUM OF IODINE MONOCHLORIDE,

AD-629 253 7D T 66 08

IODINE, ABSORPTION SPECTRUM
ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS.
AD-629 551 7B T 66 08

IODINE, RADIOACTIVITY
IODINE 131 SAMPLING WITH ACTIVATED CHARCOAL AND CHARCOAL-IMPREGNATED FILTER PAPER.
LA-3363 6R U 41 07 HC$ 1.00 MF$ 0.50

ION BEAMS, EXCITATION
EFFECTS OF ION BEAM EXCITATION ON CHARGE TRANSFER CROSS SECTION MEASUREMENTS.
N65-17280 20H U 41 07 HC$ 1.00 MF$ 0.50

ION BEAMS, PLASMA MEDIUM
PLASMA DENSITY BY ION BEAM PROBING: DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

ION EXCHANGE, RADIOACTIVE WASTE
PILOT PLANT DEMONSTRATION OF THE DECONTAMINATION OF LOW-LEVEL PROCESS WASTES BY A RECYCLE SCAVENGING-PRECIPITATION IONEXCHANGE PROCESS.
ORNL-3863 7A U 41 08 HC$ 2.00 MF$ 0.50

ION EXCHANGE, SALTS
ION EXCHANGE IN FUSED SALTS. II. THE DISTRIBUTION OF ALKALI METAL AND ALKALINE EARTH IONS BETWEEN CHABAZITE AND FUSED LINO3, NANO3, AND KNO3.
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50

ION SOURCES, ION BEAMS
EFFECTS OF ION BEAM EXCITATION ON CHARGE TRANSFER CROSS SECTION MEASUREMENTS.
N65-17280 20H U 41 07 HC$ 1.00 MF$ 0.50

IONIZATION POTENTIALS, MICROWAVES
THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART I. PLANE DISTRIBUTIONS.
AD-294 474 20I U 41 08 HC$ 1.00

THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART II. CYLINDRICAL DISTRIBUTIONS.
AD-294 866 20I U 41 08 HC$ 3.00

IONIZATION TRAILS, ROCKET PROPULSION
EFFECTS OF ROCKET OUTGASSING ON RF EXPERIMENTS.
AD-629 120 20I T 66 08

IONIZATION, MAGNETOHYDRODYNAMICS
EXTRA THERMAL IONIZATION AND MHD FLOWS.
AD-628 065 20I T 66 07 HC$ 1.00 MF$ 0.50

IONIZATION, PROBABILITY
THE CROSS SECTIONS FOR IONIZATION OF THE EXCITED STATES OF ATOMIC HYDROGEN BY HIGH ENERGY ELECTRONS.
AD-628 656 7D T 66 07

IONIZATION, ULTRAVIOLET RADIATION
MONOENERGETIC PHOTOLYTIC REACTIONS.
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

IONOS PHERE, PLASMA OSCILLATIONS
INCOHERENT SCATTER FROM PLASMA OSCILLATIONS IN THE IONOSPHERE.
AD-629 337 4A T 66 08

IONOSPHERE, ATMOSPHERIC SOUNDING
A NEW TECHNIQUE FOR THE MEASUREMENT OF THE ELECTRON/ION TEMPERATURE RATIO AT HIGH ALTITUDES.
AD-629 310 4A T 66 08

IONOSPHERIC RESEARCH.
AD-629 430 4A T 66 08 HC$ 4.60 MF$ 0.50

AD-629 449 4A T 66 08 HC$ 1.60 MF$ 0.50

IONOSPHERIC SOUNDINGS FROM MOBILE LAUNCH PLATFORM.
N66-12172 4A U 41 08 HC$ 1.00 MF$ 0.50

IONOSPHERE, ATMOSPHERIC SOUNDINGS
DIRECT MEASUREMENTS IN THE IONOSPHERE.
N66-12187 4A U 41 08 HC$ 1.00 MF$ 0.50

IONOSPHERE, ATMOSPHERIC TEMPERATURE
NIGHT-TIME ELECTRON TEMPERATURES IN THE UPPER F REGION.
AD-628 234 4A T 66 07 HC$ 1.00 MF$ 0.50

IONOSPHERE, DENSITY
ROCKET OBSERVATIONS OF SPORADIC E AND RELATED FEATURES OF THE E REGION.
N66-11748 4A U 41 08 HC$ 2.00 MF$ 0.50

IONOSPHERE, DOPPLER EFFECT
EFFECTS OF PRONOUNCED ELECTRON-CONTENT VARIATIONS ON DOPPLER SHIFT AT LOW ELEVATIONS.
AD-628 603 20N T 66 07

IONOSPHERE, ELECTRON DENSITY
COMPARISON OF EXPERIMENTAL DATA OF THE EFFECTIVE ION MASS IN THE UPPER IONOSPHERE WITH A THEORETICAL STRUCTURE.
AD-628 602 4A T 66 07

ENHANCEMENT OF PLASMA DENSITY FLUCTUATIONS BY NONTHERMAL ELECTRONS.
AD-629 336 4A T 66 08

IONOSPHERE, MEASUREMENT
THE LOWER IONOSPHERE AT SOLAR MINIMUM.
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50

IONOSPHERE, NIGHT SKY
A STUDY OF THE NIGHTTIME IONOSPHERE AND ITS REACTION RATES.
AD-628 767 4A T 66 07

IONOSPHERE, PROBES(ELECTROMAGNETIC)
RF PROBE TECHNIQUES FOR IONOSPHERIC MEASUREMENTS.
AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50

IONOSPHERE, RADAR REFLECTIONS
STUDIES OF RF SCATTERING PROCESSES FROM IONIZED UPPER ATMOSPHERIC PERTURBATIONS.
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00

IONOSPHERE, RADIO SIGNALS
IONOSPHERIC RESEARCH USING SATELLITES.
AD-628 802 22B T 66 07 HC$ 1.10 MF$ 0.50

IONOSPHERE, REFRACTIVE INDEX
PROCEEDINGS OF THE TROPOSPHERIC REFRACTION EFFECTS MEETING (3RD). VOLUME II. ANALYTICAL AND EXPERIMENTAL REFRACTION RESEARCH RESULTS.
AD-628 772 20N T 66 07 HC$ 6.00 MF$ 1.50

IONOSPHERE, WIND
OBSERVED CHARACTERISTICS OF IONOSPHERIC WINDS.
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50

IONOSPHERIC DISTURBANCES, SOLAR FLARES
AN ATLAS OF SOLAR FLARE EFFECTS IN THE IONOSPHERE OBSERVED WITH A HIGH-FREQUENCY DOPPLER TECHNIQUE, SEPTEMBER 1960DECEMBER 1962.
C13.46:326 4A U 41 08 MF$ 0.75

IONOSPHERIC DISTURBANCES, ATMOSPHERIC SOUNDING
INCOHERENT SCATTER OBSERVATIONS OF TRAVELING IONOSPHERIC DISTURBANCES.
AD-628 272 4A T 66 07

IONOSPHERIC DISTURBANCES, ELECTRO MAGNETIC WAVE REFLECTIONS
THE ANISOTROPY OF IONOSPHERIC IRREGULARITIES DEDUCED FROM V.H.F. SCATTER MEASUREMENTS.
AD-629 356 4A T 66 08

IONOSPHERIC PROPAGATION, LOW FREQUENCY
COMPUTATIONS OF THE ANTENNA CUT-BACK FACTOR FOR LF RADIO WAVES.
AD-628 178 20N T 66 07 MF$ 0.50

IONOSPHERIC PROPAGATION, RADIO WAVES
VLF RELATIVE PHASE PREDICTIONS FOR SELECTED TRANSMISSION PATHS.
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75

FURTHER OBSERVATIONS OF SUNRISE AND SUNSET FADING OF VERY-LOW-FREQUENCY SIGNALS.
AD-629 331 20N T 66 08

ON THE USE OF VLF MEASUREMENTS FOR OBTAINING INFORMATION ON THE LOWER IONOSPHERE (ESPECIALLY DURING SOLAR FLARES).
AD-629 332 4A T 66 08

IONOSPHERIC PROPAGATION, SATELLITES(ARTIFICIAL)
SATELLITE-TO-SATELLITE RADIO PROPAGATION EXPERIMENT.
AD-628 222 20N T 66 07 HC$12.60 MF$ 1.00

IONS, SCATTERING
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS.
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50

IONS, MOBILITY
MOBILITE DES IONS RB(+) ET CS(+) DANS LES GAZ A HAUTE PRESSION (MOBILITY OF RB(+) AND CS(+) IONS IN GASES AT HIGH PRESSURES).
PB-169 226 18K U 41 08 HC$ 3.00 MF$ 0.75

IRON COMPOUNDS, PHOSPHATES
SPECIFIC HEAT OF FE3(PO4)2.8H20.
AD-628 742 20L T 66 07

IRON, MAGNETIC RESONANCE
A MAGNETIC RESONANCE STUDY OF IRON IN SILVER CHLORIDE.
COO-1198-228 20C U 41 07 HC$ 3.00 MF$ 0.75

IRON, INTERNAL CONVERSION
INTERNAL CONVERSION IN FE57 FROM THE MOSSBAUER EFFECT IN IRON.
AD-628 824 20H T 66 07

IRON, IONS
ATOMIC WAVE FUNCTIONS, COLLISION CROSS-SEC- TIONS, AND TRANSITION PROBABILITIES OF FE IONS.
AD-629 437 3B T 66 08

IRON, NUCLEAR MOMENTS
MEAN-SQUARE NUCLEAR DISPLACEMENT OF FE57 IN ZN FROM THE MOSSBAUER EFFECT.
AD-628 825 20H T 66 07

IRON, POWDER METALS
INVESTIGATION OF SONIC TECHNIQUES FOR THE NONDESTRUCTIVE EVALUATION OF SINTERED IRON POWDER COMPACTS.
AD-628 538 11F T 66 07 HC$ 2.00 MF$ 0.50

IRON, SINGLE CRYSTALS
IRON SINGLE CRYSTAL PREPARATION. PART I. THE PREPARATION OF THE CRYSTALS AND A STUDY OF THEIR MECHANICAL AND ELECTRICAL

PROPERTIES AT LOW TEMPERATURES. PART II. SOME EXPERIMENTS ON THE USE OF THE ELECTROTRANSPORT PHENOMENON FOR THE FURTHER PURIFICATION OF ELECTRON BEAM ZONE-REFIN.
MMC-489-PTS-1-2 20L U 41 07 HC$ 3.00 MF$ 0.75

IRON, SOLAR SPECTRUM
3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM.
AD-629 233 3B T 66 08

IRON, SOLVENT EXTRACTION
IRON (III) EXTRACTION BY NITROBENZENE -BENZENE MIXTURES.
AD-628 826 7R T 66 07

IRRADIATED FOODS, ACCEPTABILITY
DATA ON WHOLESOMENESS STUDIES. A PROGRESS REPORT.
AD-629 316 6H T 66 08

IRRADIATED FOODS, NUCLEAR INDUSTRIAL APPLICATIONS
RADIATION PASTEURIZATION OF FOODS.
CONF-651024 6H U 41 08 HC$ 6.00 MF$ 1.25

IRRADIATED FOODS, PATHOLOGY
HISTOPATHOLOGY OF MICE FED IRRADIATED FOODS.
AD-629 418 6E T 66 08

IRRADIATED FOODS, STORAGE
EFFECT OF IRRADIATION ON THE MICROBIAL FLORA SURVIVING IRRADIATION PASTEURIZATION OF SEAFOODS.
TID-22289 6H U 41 08 HC$ 3.00 MF$ 0.50

ISOCYANATE PLASTICS, ENCAPSULATION
PRODUCIBILITY OF POTTING COMPOUNDS.
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50

ISONIAZID, ENDOCRINE GLANDS
ACTION OF RESERPINE, IPRONIAZID AND PYROGALLOL ON NERVE ENDINGS OF THE PINEAL GLAND.
AD-629 054 6O T 66 08

ISONIAZID, MYCOBACTERIUM TUBERCULOSIS
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

ISOPTERA, BRITISH GUIANA
ON TERMITARIA IN A SAVANNA ECOSYSTEM BRITISH GUIANA.
AD-629 401 6C T 66 08

ISOTOPE SEPARATION, ELECTROMAGNETIC FIELDS
REVIEW OF ORNL ELECTROMAGNETIC SEPARATIONS PROGRAM.
ORNL-3861 18B U 41 07 HC$ 3.00 MF$ 0.50

ISOTOPE SEPARATION, URANIUM
ETUDE PRELIMINAIRE A LA PREPARATION D'URANIUM 232 PAR IRRADIATION DE PROTACTINIUM 231 (PRELIMINARY STUDY OF THE PREPARATION OF URANIUM 232 BY IRRADIATION OF PROTACTINIUM 231).
PB-169 164 18B U 41 07 HC$ 2.00 MF$ 0.50

ITALY, COMMERCE
ITALY.
PB-169 281 5C U 41 07 HC$ 7.00 MF$ 1.75

JET ENGINE FUELS, MICROORGANISMS
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

JET MIXING FLOW, CHEMICAL REACTIONS
NONSIMILAR MIXING OF CHEMICALLY REACTING STREAMS.
AD-628 629 20D T 66 07 HC$ 2.00 MF$ 0.50

JET MIXING FLOW, MATHEMATICAL ANALYSIS
COMPRESSIBLE NON-ISOENERGETIC TWO-DIMENSIONAL TURBULENT (PR SUB T = 1) JET MIXING AT CONSTANT PRESSURE. AUXILIARY INTEGRALS, HEAT TRANSFER AND FRICTION COEFFICIENTS FOR FULLY DEVELOPED MIXING PROFILES.
AD-629 011 20D T 66 08

JET MIXING FLOW, STABILITY
ON THE INVISCID STABILITY OF THE LAMINAR MIXING OF TWO PARALLEL STREAMS OF A COMPRESSIBLE FLUID.
AD-629 322 20D T 66 08

JET PUMPS, PERFORMANCE(ENGINEERING)
DESIGN AND PERFORMANCE OF STAGED STEAM EJECTORS WITH INTERSTAGE CONDENSERS.
AD-629 526 13K T 66 08 HC$ 4.60 MF$ 0.50

JET PUMPS, SUPERSONIC FLOW
GAS EJECTOR.
AD-629 478 13K T 66 08 HC$ 1.10 MF$ 0.50

JETS STREAMS(METEOROLOGY), VELOCITY
VERTICAL VELOCITY FLUCTUATIONS IN A NOCTURNAL LOW-LEVEL JET.
AD-629 588 4B T 66 08

JETS, STABILITY
THE INSTABILITY OF INVISCID JETS AND WAKES IN COMPRESSIBLE FLUID.
AD-629 323 20D T 66 08

JETS, SUBSONIC FLOW
THE EXISTENCE OF SUBSONIC JETS OF A COMPRESSIBLE FLUID.
AD-628 511 20D T 66 07

JETTISONABLE COCKPITS, DESIGN
ADAPTION OF XM30 CATAPULT TO OPERATIONAL CONDITIONS. TASK I. DESIGN OF CATAPULT, AIR- CRAFT EJECTION SEAT: XM31. TASK II. MODIFICA- TION TO AIRCRAFT SEATS AND ROCKET CATAPULTS FOR ACTUATION OF COMPENSATING NOZZLES.
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50

JOB ANALYSIS, AIR FORCE PERSONNEL
IDENTIFICATION OF JOB REQUIREMENT FACTORS BY USE OF SIMULATED JOBS.
AD-628 952 5I T 66 08

EVOLUTION OF A JOB INVENTORY AND TRYOUT OF TASK RATING FACTORS.
AD-629 573 5I T 66 08 HC$ 3.60 MF$ 0.50

JOB ANALYSIS, CLASSIFICATION
THE FEASIBILITY OF DEVELOPING A TASK CLASSIFICATION STRUCTURE FOR ORDERING TRAINING PRINCIPLES AND TRAINING CONTENT.
AD-628 162 5I T 66 07 HC$ 7.60 MF$ 0.75

JOB ANALYSIS, OFFICER PERSONNEL
OFFICER GRADE REQUIREMENTS PROJECT. II. JOB DESCRIPTIONS, SAMPLE SELECTION, AND CRITERION BOARD.
AD-629 575 5I T 66 08 HC$ 4.60 MF$ 0.50

JOINTS, SHIP STRUCTURAL COMPONENTS
JOINTS USED IN PLASTIC AND COMPOSITE SHIP- BOARD SUPERSTRUCTURES, DECKHOUSES, LIGHT BULKHEADS, AND ENCLOSURES.
AD-629 509 13E T 66 08 HC$ 1.00 MF$ 0.50

JORDAN, COMMERCE
JORDAN (HASHEMITE KINGDOM OF JORDAN).
PB-169 277 5C U 41 07 HC$ 4.00 MF$ 0.75

JUPITER(PLANET), RADIO ASTRONOMY
RADIOMETRIC OBSERVATIONS OF JUPITER AT 430 MC/S.
AD-629 335 3B T 66 08

K MESONS, MESON REACTIONS
ON THE ANALYSIS OF K AND ETA INTO PI DECAY SPECTRA.
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50

KENYA, COMMERCE
EAST AFRICA (COMMON CUSTOMS AND EXCISE SERVICE).
PB-169 271 5C U 41 07 HC$ 2.00 MF$ 0.50

KETONES, CHEMICAL REACTIONS
REACTIONS OF CHLOROCARBONIUM IONS.
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50

STUDIES IN RING EXPANSION.
AD-628 733 7C T 66 07 HC$ 2.00 MF$ 0.50

KETONES, CONDENSATION REACTIONS
CONDENSATIONS AT THE TERMINAL METHYL GROUP OF 1,3,5-TRIKETONES BY MEANS OF SODAMIDE IN LIQUID AMMONIA.
AD-629 497 7C T 66 08

KETONES, METABOLISM
FACTORS INFLUENCING THE UTILIZATION OF KETONE BODIES BY MOUSE ADIPOSE TISSUE.
AD-629 317 6A T 66 08

KETONES, PHOTOLYSIS
MONOENERGETIC PHOTOLYTIC REACTIONS.
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

KETONES, REDUCTION(CHEMISTRY)
SELECTIVE REDUCTIONS. VIII. THE STEREOCHEMISTRY OF REDUCTION OF CYCLIC AND BICYCLIC KETONES BY THE ALKOXY-SUBSTITUTED LITHIUM ALUMINUM HYDRIDES.
AD-629 470 7C T 66 08

KETONES, SYNTHESIS(CHEMISTRY)
THE OXIDATION OF PHENOLS. I. THE OXIDATION OF 2,6-DI-T-BUTYL-4-METHYLPHENOL, 2,6-DI-TBUTYLPHENOL, AND 2,6-DIMETHYLPHENOL WITH PEROXY RADICALS.
AD-629 746 7C T 66 08

KIDNEYS, EXCISION
CELL PROLIFERATION AND DNA SYNTHESIS AFTER UNILATERAL NEPHRECTOMY AS RELATED TO AGE.
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50

KIDNEYS, HYPERTENSION
CHRONIC EFFECTS OF REVASCULARIZING THE ISCHEMIC HYPERTENSIVE KIDNEY UTILIZING A SEGMENT OF ILEUM.
AD-629 177 6E T 66 08

KIDNEYS, RADIATION EFFECTS
X-RAY INDUCED GLOMERULOSCLEROSIS IN RATS: MODIFICATION OF LESION BY FOOD RESTRICTION, UNINEPHRECTOMY, AGE.
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50

KILL PROBABILITIES, CONTINUOUS ROD WARHEADS
THE LETHAL VOLUME OF A CONTINUOUS ROD WARHEAD.
AD-629 390 16C T 66 08 HC$ 3.00 MF$ 0.75

KINETIC THEORY, ATMOSPHERE
KINETICS OF ATMOSPHERIC GASES.
AD-629 864 4A T 66 08 HC$ 2.00 MF$ 0.50

KINETIC THEORY, INTEGRALS
CONCERNING THE VALUE OF A DEFINITE INTEGRAL.
AD-629 486 12A T 66 08

KINETIC THEORY, PLASMA PHYSICS
THE GENERAL CONSERVATION LAWS IN A DILUTE PLASMA.
AD-628 292 20I T 66 07

KLYSTRONS, ELECTRON BEAMS
CONSOLIDATION OF RESULTS OF PRELIMINARY BEAM TESTS WITH SECTORE 1 AND 2.

SLAC-50 20G U 41 07 HC$ 3.00 MF$ 0.75

KLYSTRONS, PERFORMANCE(ENGINEERING)
INVESTIGATION OF LARGE-SIGNAL KLYSTRON AND TRAVELING-WAVE DEVICES.
AD-628 732 9A T 66 07 HC$ 3.00 MF$ 0.75

KRYPTON, METEORITES
XENON AND KRYPTON IN THE BRUDERHEIM METEORITE.
AD-628 594 8G T 66 07

KRYPTON, POLARIZATION
METASTABLE TRIPLET-F2 RARE GAS POLARIZABILITIES.
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

KRYPTON, VISCOSITY
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

LABORATORY EQUIPMENT, DESIGN
O-RING JOINT TUBES FOR PROTEIN-HYDROLYSATES.
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50

LABORATORY EQUIPMENT, MEDICAL RE SEARCH
A THERMAL RADIATION HEAT SOURCE AND IMAGING SYSTEM FOR BIOMEDICAL RESEARCH.
AD-629 590 14B T 66 08 HC$ 2.00 MF$ 0.50

LABORATORY EQUIPMENT, THEORY
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 1. THEORETICAL PRINCIPLES OF THE OSCILLATING HOLLOW CYLINDER METHOD.
AD-629 652 7D T 66 08

LABOR, FLORIDA
TRENDS IN THE INDUSTRIAL AND OCCUPATIONAL COMPOSITION OF THE LABOR MARKET IN THE CAPE KENNEDY AREA.
N66-10759 5I U 41 08 HC$ 1.00 MF$ 0.50

PROJECTIONS OF THE SIZE AND INDUSTRIAL COMPOSITION OF THE LABOR FORCE IN THE CAPE KENNEDY REGION.
N66-11775 5C U 41 08 HC$ 1.00 MF$ 0.50

LACTIC ACID, PHYSICAL FITNESS
LACTIC ACID PHYSICAL FITNESS AND HIGH ALTITUDE.
AD-628 713 6N T 66 07 HC$ 2.00 MF$ 0.50

LAMINAR BOUNDARY LAYER, FLAT PLATE MODELS
ASYMPTOTIC METHOD OF SOLUTION OF THE FROZEN DISSOCIATED LAMINAR BOUNDARY LAYER FLOW OVER A FLAT PLATE SURFACE WITH ARBITRARILY DISTRIBUTED CATALYCITY.
AD-628 694 20D T 66 07 HC$ 2.00 MF$ 0.50

LAMINAR BOUNDARY LAYER, NUMERICAL ANALYSIS
AN APPROXIMATE ANALYTICAL DERIVATION OF SKIN FRICTION AND HEAT TRANSFER IN LAMINAR BINARY BOUNDARY LAYER FLOW.
AD-629 499 20D T 66 08

LAMINAR BOUNDARY LAYER, PHOTOMICROSCOPY
MEASUREMENT OF LAMINAR VELOCITY PROFILES WITH NON-NEWTONIAN ADDITIVES USING PHOTOMICROSCOPY.
AD-628 568 20D T 66 07 HC$ 2.00 MF$ 0.50

LAMINAR FLOW, COMPRESSIBLE FLOW
ON THE INVISCID STABILITY OF THE LAMINAR MIXING OF TWO PARALLEL STREAMS OF A COMPRESSIBLE FLUID.
AD-629 322 20D T 66 08

LAMINAR FLOW, ELECTRICAL CONDUCTANCE
ROLE OF CONDUCTIVITY IN HYDROMAGNETIC STABILITY OF PARALLEL FLOWS.
N66-12529 20I U 41 07 HC$ 1.00 MF$ 0.50

LAMINAR FLOW, EXPERIMENTAL DATA
LAMINAR FLOW REGIMES FOR RIGID-SPHERE SUSPENSIONS.
AD-629 312 20D T 66 08 HC$ 3.00 MF$ 0.75

LAMINAR FLOW, LIQUIDS
ATTENUATION OF SINUSOIDAL PERTURBATIONS SUPERIMPOSED ON LAMINAR FLOW OF A LIQUID IN A LONG LINE.
N66-10335 20D U 41 08 HC$ 1.00 MF$ 0.50

LAMINAR FLOW, STABILITY
STABILITY OF HAGEN-POISEUILLE FLOW.
AD-629 321 20D T 66 08

LAMINATED GLASS, ADHESIVES
CROSS-LINKED POLY- AND INTERPOLY(AMIDEACETALS).
PATENT 3,223,683 11A U 41 08

LAMINATED PLASTICS, AIRFRAMES
A PRELIMINARY STUDY TO DETERMINE THE FEASIBILITY OF REINFORCED PLASTIC COLUMN MEMBERS FOR AIRCRAFT STRUCTURES.
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75

LAMINATED PLASTICS, GLASS TEXTILES
EFFECT OF CUMULATIVE DAMAGE ON THE BIAXIAL COMPRESSIVE FATIGUE PERFORMANCE OF FILAMENT WOUND LAMINATES.
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50

LAMINATES, GLASS TEXTILES
METHOD FOR PRODUCING CONDUCTIVE GLASS FIBER YARN.
PATENT 3,222,149 11E U 41 08

LAMINATES, HEAT-RESISTANT MATERIALS
THE SYNTHESIS OF A LAMINATED PLATE FOR HIGH TEMPERATURE APPLICATION.
N66-10881 20K U 41 08 HC$ 3.00 MF$ 0.75

LANDING AIDS, HELICOPTERS
GUIDE-LITE HELIPORT SYSTEM.
PB-169 195 17G U 41 08 HC$ 2.00 MF$ 0.50

LANDING CRAFT, SHIP HULLS
CALM-WATER RESISTANCE CHARACTERISTICS OF A 25-PERCENT-SCALE MODEL OF A HYPOTHETICAL CAPTURED AIR BUBBLE (CAB) LANDING VEHICLE.
AD-628 831 13J T 66 07 HC$ 1.60 MF$ 0.50

LANDING FIELDS, PAVEMENTS
LOCKBOURNE NO. 3, OVERLAY MAT, PAVEMENT OVERLAY INVESTIGATION.
AD-628 140 13B T 66 07 MF$ 0.75

LOCKBOURNE NO. 1 - TEST TRACK, ACCELERATED TRAFFIC TESTS OF CONCRETE PAVEMENTS.
AD-628 286 13B T 66 07 HC$11.60 MF$ 0.75

LOCKBOURNE NO. 1 - TEST TRACK, REPORT OF RECONSTRUCTION.
AD-628 290 13B T 66 07 HC$ 6.60 MF$ 0.75

LOCKBOURNE NO. 2, MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 357 13B T 66 07 HC$ 7.60 MF$ 0.75

LOCKBOURNE TEST TRACK.
AD-628 359 13B T 66 07 HC$23.40 MF$ 1.25

LOCKBOURNE NO. 3 PAVEMENT OVERLAY INVESTIGATION.
AD-628 692 13B T 66 07 HC$23.10 MF$ 1.25

LOCKBOURNE NO. 2 MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 837 13B T 66 07 HC$21.40 MF$ 1.25

LOCKBOURNE NO. 2. 300,000 POUND EXPERIMENTAL MAT. REPORT OF CONSTRUCTION.
AD-628 902 13B T 66 08 HC$20.30 MF$ 1.25

LANDING GEAR, HELICOPTERS
REINFORCED PLASTIC LANDING GEAR FOR UH-1 HELICOPTER.
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00

LANDING LIGHTS, AIRPORTS
DEVELOPMENT OF A LOW COST SECONDARY AIRPORT LIGHTING SYSTEM.
PB-169 155 1E U 41 07 HC$ 2.00 MF$ 0.50

LANGMUIR PROBES, INSTRUMENTATION
EXPERIMENTAL DETERMINATION OF ION EXCITATION ENERGIES AND DENSITIES IN A LOW PRESSURE DISCHARGE.
AD-628 795 20I T 66 07 HC$ 2.00 MF$ 0.50

LANGMUIR PROBES, IONOSPHERE
DIRECT MEASUREMENTS IN THE IONOSPHERE.
N66-12187 4A U 41 08 HC$ 1.00 MF$ 0.50

LANGMUIR PROBES, PLASMA MEDIUM
THE ADMITTANCE AND RESONANCE PROBE CHARACTERISTICS OF A SPHERICAL PLASMA PROBE.
AD-628 186 20I T 66 07 HC$ 7.60 MF$ 0.75

LANGUAGE, ANALYSIS
UPDATING OF THESAUR PROGRAM.
AD-629 368 6D T 66 08 HC$ 5.60 MF$ 0.50

SUGGESTIONS FOR MECHANICAL TRANSLATION.
PB-169 241 5G U 41 07 HC$ 1.00 MF$ 0.50

LANGUAGE, SOCIAL COMMUNICATION
SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

LANGUAGE, THEORY
COMMENTARY ON THE GUBERINA HYPOTHESIS.
AD-629 254 5G T 66 08

LARVAE, CYCLOSTOMATA
METHOD FOR CONTROLLING PETROMYZON MARINUS.
PATENT 3,219,521 6F U 41 07

LASERS, DATA TRANSMISSION SYSTEMS
PULSE-CODE MODULATION MULTIPLEX TRANSMISSION OVER AN INJECTION LASER TRANSMISSION SYSTEM.
AD-629 503 20E T 66 08

LASERS, DEGRADATION
THERMAL OPTIC DISTORTION.
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50

LASERS, DIODES(SEMICONDUCTOR)
PRESSURE-TUNED PBSE DIODE LASER.
AD-628 560 20E T 66 07

LASERS, DISPLAY SYSTEMS
LARGE-ANGLE DEFLECTION TECHNIQUES FOR LASER DISPLAY.
AD-628 046 20E T 66 07 HC$ 2.00 MF$ 0.50

LASERS, EXCITATION
EFFECTS OF OUTPUT COUPLING ON OPTICAL MASERS.
AD-628 705 20E T 66 07

LASERS, FREQUENCY STABILIZERS
SESSION P-3: QUANTUM ELECTRONICS GENER- ATION. P-3,3: FREQUENCY STABILIZATION OF GAS LASERS.
AD-629 158 20E T 66 08

LASERS, GAS DISCHARGES
COLLISION LASERS.
AD-629 159 20E T 66 08

STRONG 3.27-UPSILON LASER OSCILLATION IN XENON.
AD-629 161 20E T 66 08

LASERS, GASES
COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. II. EXPERIMENTAL.
AD-628 469 20E T 66 07

COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. I. THEORETICAL.
AD-628 470 20E T 66 07

LASERS, LIGHT
ANGULAR DEPENDENCE OF SURFACE SCATTERED LASER RADIATION.
AD-628 295 20E T 66 07 HC$ 2.00 MF$ 0.50

LASERS, LIGHT PULSES
PHOTON ECHOES.
AD-629 445 20E T 66 08

LASERS, MATERIALS
ENERGY TRANSFER IN SOLID LASER MATERIALS.
AD-628 076 20E T 66 07 HC$ 1.00 MF$ 0.50

LIQUID LASER PARAMETERS.
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

LASERS, OPTICAL PROPERTIES
BEAM DETEORIATION AND STIMULATED RAMAN EFFECT.
AD-628 074 20F T 66 07 HC$ 1.00 MF$ 0.50

LASERS, OPTICAL SCANNING
OPTICAL SPOT SIZE STUDY FOR DATA EXTRACTION FROM A TRANSPARENCY.
AD-628 588 17H T 66 07 HC$ 3.00 MF$ 0.75

LASERS, PERFORMANCE(ENGINEERING)
INVESTIGATION OF LASER PROPERTIES RELEVANT TO THE MEASUREMENT OF DIFFERENT PHYSICAL PARAMETERS.
N66-12860 20E U 41 08 HC$ 3.00 MF$ 0.75

LASERS, PHONONS
STIMULATED BRILLOUIN SCATTERING IN ANISOTROPIC MEDIA AND OBSERVATION OF PHONONS.
AD-466 176 20E U 41 08 HC$ 1.00 MF$ 0.50

LASERS, PHOTOELASTICITY
DYNAMIC STRESS CONCENTRATION USING PHOTOELASTICITY AND A LASER LIGHT SOURCE.
PB-169 142 20K U 41 07 HC$ 1.00 MF$ 0.50

LASERS, PHOTONS
PROCESSUS MULTIPHOTONIQUES PROGGUES PAR UN LASER (MULTI-PHOTON PROCESSES BROUGHT ABOUT BY A LASER).
PB-169 161 20H U 41 07 HC$ 1.00 MF$ 0.50

LASERS, RUBY
PRODUCTION ENGINEERING MEASURE FOR RUBY LASER RODS.
AD-629 170 20E T 66 08 HC$ 1.60 MF$ 0.50

LASERS, SCATTERING
SCATTERING AND ATTENUATION BY PRECIPITATION PARTICLES.
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75

NOTE ON RADIATIVE CORRECTIONS TO THOMSON SCATTERING IN INTENSE LASER BEAMS.
AD-629 457 20E T 66 08

LASERS, SCIENTIFIC RESEARCH
LASER TECHNOLOGY.
AD-628 253 20E T 66 07

MICROWAVE RESEARCH.
AD-628 941 20E T 66 08 HC$ 1.60 MF$ 0.50

SOLID STATE RESEARCH 1965-3.
AD-629 048 20L T 66 08 HC$ 3.00 MF$ 0.75

LASERS, SEMICONDUCTOR DEVICES
NEW SOLID-STATE DEVICE CONCEPTS.
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50

LASERS, SEMICONDUCTORS
OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM POWER OUTPUT.
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50

JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS.
AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

LASERS, SOUND
PARAMETRIC EXCITATION OF ACOUSTIC WAVES IN STIMULATED BRILLOUIN SCATTERING.
AD-466 177 20E U 41 08 HC$ 2.00 MF$ 0.50

LASERS, SPACE COMMUNICATION SYSTEMS
A RED BEAM IN THE BLACK SKY.
AD-629 473 17B T 66 08 HC$ 1.10 MF$ 0.50

LAUNCH VEHICLES(AEROSPACE), LUBRICANTS
INVESTIGATION OF THE COEFFICIENT OF FRICTION OF VARIOUS GREASES AND DRY FILM LUBRICANTS AT ULTRA HIGH LOADS FOR THE SATURN HOLD DOWN ARMS.
N66-10669 11H U 41 08 HC$ 2.00 MF$ 0.50

LAUNCH VEHICLES(AEROSPACE), THRUST VECTOR CONTROL SYSTEMS
OPTIMIZATION OF HYDRAULIC THRUST VECTOR CONTROL SYSTEMS FOR LAUNCH VEHICLES. VOLUME III. SECTION 2.
N66-12611 22D U 41 08 HC$ 8.45 MF$ 2.25

LAUNCH VEHICLES(AEROSPACE), BASE FLOW
STUDY OF RECIRCULATING GAS FLOW FIELDS IN THE BASE REGION OF SATURN-CLASS VEHICLES.
N66-10888 20D U 41 08 HC$ 3.00 MF$ 0.75

LAUNCH VEHICLES(AEROSPACE), CONTROL SYSTEMS
ADVANCE RESEARCH ON CONTROL SYSTEMS FOR THE SATURN LAUNCH VEHICLE.
N66-10639 22B U 41 08 HC$ 6.80 MF$ 1.25

LAUNCH VEHICLES(AEROSPACE), ROCKET MOTORS
SCOUT MOTOR PERFORMANCE ANALYSIS AND PREDICTION STUDY (PAPS).
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25

LAUNCH VEHICLES(AEROSPACE), SPECIFICATIONS
CONTRACTOR DATA REQUIREMENTS LIST, SEQUENCE NUMBER 71.
AD-628 078 22B T 66 07 HC$ 2.00 MF$ 0.50

LAUNCH VEHICLES(AEROSPACE), TESTS
ATLAS/CENTAUR LAUNCH-ON-TIME STUDY.
N66-11240 22D U 41 08 HC$ 4.00 MF$ 0.75

LAW, UNITED STATES
WEIGHTED VOTING: A MATHEMATICAL ANALYSIS FOR INSTRUMENTAL JUDGMENTS.
AD-629 555 5D T 66 08 HC$ 3.60 MF$ 0.50

LEAD COMPOUNDS, CHLORIDES
ELECTRONIC COMMUTATOR DETERMINATION OF E OF FORMATION AND RELATED THERMODYNAMIC QUANTITIES FOR MOLTEN LEAD CHLORIDE.
AD-628 269 7D T 66 07

LEAD COMPOUNDS, POLYMERIZATION
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

LEADERSHIP, ARMY TRAINING
LEADERSHIP CLIMATE FOR TRAINEE LEADERS: THE ARMY AIT PLATOON.
AD-628 962 5I T 66 08 HC$ 3.00 MF$ 0.75

LEADERSHIP, PSYCHOMETRICS
A NOTE ON THE RELATIONSHIP OF THE INTERACTION POTENTIAL INVENTORY TO PEER RATINGS OF LEADERSHIP AND OTHER NAVAL AVIATION CADET CRITERIA.
AD-468 261 5I U 41 08 HC$ 1.00 MF$ 0.50

LEAD, METAL POISONING
MORPHOLOGY AND MORPHOGENESIS OF LEAD ENCEPHALOPATHY.
AD-629 314 6T T 66 08

LEARNING, EFFECTIVENESS
EFFECTIVENESS AND STUDENT ACCEPTANCE OF INDIRECT PAIRED ASSOCIATES LEARNING.
AD-628 449 5J T 66 07 HC$ 6.60 MF$ 0.75

LEARNING, ERRORS
FALSE RECOGNITION PRODUCED BY IMPLICIT VERBAL RESPONSES.
AD-628 640 5J T 66 07

LEARNING, LANGUAGE
AN OVERVIEW OF THE CONCEPTUAL STRUCTURE OF SUBTASK PIONEER VII.
AD-628 815 5J T 66 07 HC$ 4.00 MF$ 0.75

LEARNING, MATHEMATICAL MODELS
A NOTE ON SOME ALTERNATIVE MODELS FOR RESPONSE BIAS CHANGES DURING FORCED-CHOICE DETECTION EXPERIMENTS.
AD-629 677 5J T 66 08 HC$ 1.60 MF$ 0.50

LEARNING, PERFORMANCE TESTS
THE INFLUENCE OF PRACTICE FRAMES AND VERBAL ABILITY ON PROGRAMED INSTRUCTION PERFORMANCE.
AD-628 444 5I T 66 07 HC$ 2.60 MF$ 0.50

LEARNING, PSYCHOMETRICS
COMPREHENSION BY READING VERSUS HEARING.
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50

FREE LEARNING AND RECALL AS A FUNCTION OF UNIT-SEQUENCE AND LETTER-SEQUENCE INTERFERENCE.
AD-628 641 5J T 66 07

A COMPARISON OF FORWARD AND BACKWARD CHAINING TECHNIQUES FOR THE TEACHING OF VERBAL SEQUENTIAL TASKS.
AD-628 944 5I T 66 08 HC$ 1.60 MF$ 0.50

LEARNING, RIBONUCLEIC ACIDS
A DIFFERENTIATION IN RNA RESPONSE IN NEURONS EARLY AND LATE DURING LEARNING.
AD-628 365 6A T 66 07

CHANGES IN RNA CONTENT AND BASE COMPOSITION IN CORTICAL NEURONS OF RATS IN A LEARNING EXPERIMENT INVOLVING TRANSFER OF HANDEDNESS.
AD-628 366 6A T 66 07

LEARNING, VISUAL ACUITY
INFORMATION TRANSMISSION IN A PATTERN DISCRIMINATION TASK AS A FUNCTION OF INITIAL TASK DIFFICULTY.
AD-628 109 5J T 66 07

LEARNING, WORD ASSOCIATION
STUDIES OF CODING IN VERBAL LEARNING.
AD-628 226 5J T 66 07

AN ANALYSIS OF INTRALIST SIMILARITY IN VERBAL LEARNING WITH EXPERIMENTS ON CONCEPTUAL SIMILARITY.
AD-628 638 5J T 66 07

INCIDENTAL LEARNING WITH WORD PAIRS VARYING IN ASSOCIATIVE OVERLAP AND CATEGORY MEMBERSHIP.
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50

LEISH MANIA, INFECTIONS
SUSCEPTIBILITY OF PEROMYSCUS CALIFORNICUS CALIFORNICUS TO INFECTION WITH LEISHMANIA DONOVANI.
AD-628 153 6M T 66 07

LENSES, MICROWAVE FREQUENCY
A MICROWAVE LENS SYSTEM FOR PLASMA DIAGNOSTICS.
N65-35961 20I U 41 07 HC$ 1.00 MF$ 0.50

LEVARTERENOL, METABOLISM
FREE FATTY ACID RESPONSES TO TILTING AFTER WATER IMMERSION.
AD-628 674 6S T 66 07

LIBYA, COMMERCE
UNITED KINGDOM OF LIBYA.
PB-169 290 5C U 41 07 HC$ 3.00 MF$ 0.75

LIFE EXPECTANCY, STATISTICAL ANALYSIS
A STOCHASTIC CHARACTERIZATION OF WEAR-OUT FOR COMPONENTS AND SYSTEMS.
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50

LIFE SUPPORT, MARS
MARS LANDING AND RECONNAISSANCE MISSION ENVIRONMENTAL CONTROL AND LIFE SUPPORT SYSTEM STUDY. VOLUME 2. SUBSYSTEM STUDIES.
N66-10938 6K U 41 08 HC$ 7.00 MF$ 2.00

LIFE SUPPORT, MANNED SPACECRAFT
WATER MANAGEMENT SUBSYSTEM SPECIFICATION FOR SPACE FLIGHTS OF EXTENDED TIME PERIODS. LIFE SUPPORT SYSTEM FOR SPACE FLIGHTS OF EXTENDED TIME PERIODS.
N66-10552 6K U 41 08 HC$ 2.00 MF$ 0.50

THERMAL INTEGRATION OF ELECTRICAL POWER AND LIFE SUPPORT SYSTEMS FOR MANNED SPACE STATIONS.
N66-11249 6K U 41 08 HC$ 7.00 MF$ 1.75

LIGHT COMMUNICATION SYSTEMS, DEMODULATORS
MICROWAVE OPTICAL RECEIVER TECHNIQUES.
AD-629 242 17B T 66 08 HC$ 2.00 MF$ 0.50

LIGHT TRANSMISSION, EYE
TRANSMISSION OF THE HUMAN EYE.
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50

LIGHT, ATMOSPHERIC REFRACTION
MAIN GEOPHYSICAL OBSERVATORY (SELECTED ARTICLES).
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50

LIGHT, FOCUSING
SELF-FOCUSING OF OPTICAL BEAMS.
AD-628 563 20F T 66 07

LIGHT, MECHANICAL WAVES
PARAMETRIC EXCITATION OF ACOUSTIC WAVES IN STIMULATED BRILLOUIN SCATTERING.
AD-466 177 20E U 41 08 HC$ 2.00 MF$ 0.50

LIGHT, PARTICLE BEAMS
STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS.
AD-628 044 20F T 66 07 HC$ 1.00 MF$ 0.50

LIGHT, POLARIZATION
WAVE LENGTH DEPENDENCE OF POLARIZATION BY SMALL GRAPHITE FLAKES.
N66-12996 3B U 41 08 HC$ 1.00 MF$ 0.50

LIGHT, SCATTERING
TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME I.
AD-628 674 4A T 66 07 HC$ 7.00 MF$ 1.75

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME II.
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME III.
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50

INVESTIGATION OF LIGHT SCATTERING IN HIGHLY REFLECTING PIGMENTED COATINGS.
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50

LIMITERS, FERROMAGNETIC MATERIALS
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-628 769 9E T 66 07 HC$ 2.60 MF$ 0.50

LINE SPECTRUM, NEON
DISSOCIATIVE RECOMBINATION IN NEON: SPECTRAL LINE-SHAPE STUDIES.
AD-628 658 7D T 66 07

LINE SPECTRUM, PHONONS
PHONON BROADENING OF IMPURITY SPECTRAL LINES. III. DIAGRAM TECHNIQUE.
AD-628 519 20L T 66 07

LINEAR ACCELERATORS, NEUTRON BEAMS
ACCELERATOR PULSED FAST ASSEMBLY.
AD-466 666 20G U 41 08 HC$ 3.00 MF$ 0.75

LINEAR ACCELERATORS, PROTONS
ANALYSIS OF A PROTON LINEAR ACCELERATOR RF SYSTEM AND APPLICATION TO RF PHASE CONTROL.
LA-3372 20G U 41 08 HC$ 7.00 MF$ 1.50

ANNUAL PROGRESS REPORT ON LINEAR ACCELERATOR RESEARCH, DECEMBER 1963JULY 1964.
TID-21335 20G U 41 08 HC$ 5.00 MF$ 1.00

LINEAR PROGRAMMING, ALGORITHMS
INTEGER PROGRAMMING BY IMPLICIT ENUMERATION AND BALAS' METHOD.
AD-628 361 12B T 66 07 HC$ 2.60 MF$ 0.50

LINEAR PROGRAMMING, CALCULUS OF VARIATIONS
FINDING EVERETT'S LAGRANGE MULTIPLIERS BY LINEAR PROGRAMMING.
AD-629 505 12B T 66 08 HC$ 1.10 MF$ 0.50

LINEAR PROGRAMMING, CHEMICAL EQUILIBRIUM
ON THE CONTINUITY OF THE MINIMUM SET OF A CONTINUOUS FUNCTION.
AD-628 625 12B T 66 07 HC$ 6.60 MF$ 0.75

LINEAR PROGRAMMING, MATRIX ALGEBRA
PROPERTIES OF A GENERALIZED INVERSE WITH APPLICATIONS TO LINEAR PROGRAMMING THEORY.
AD-629 384 12B T 66 08 HC$ 3.60 MF$ 0.50

LINEAR PROGRAMMING, TENSOR ANALYSIS
ON DIRECT SUMS AND TENSOR PRODUCTS OF LINEAR PROGRAMS.
AD-629 487 12B T 66 08

LINEAR PROGRAMMING, THEORY
THE D-STEP CONJECTURE FOR POLYHEDRA OF DIMENSION D<6.
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50

LINEAR PROGRAMMING, UNCERTAINTY
CONSTRAINED GENERALIZED MEDIANS AND HYPERMEDIANS AS DETERMINISTIC EQUIVALENTS FOR TWO-STAGE LINEAR PROGRAMS UNDER UNCERTAINTY.
AD-628 574 12B T 66 07

LINEAR SYSTEMS, TRANSIENTS
A GENERAL METHOD OF DETERMINING THE TOTAL TIME INTEGRAL OF TRANSIENTS IN LINEAR SYSTEMS.
MLM-1288 20C U 41 08 HC$ 1.00 MF$ 0.50

LINGUISTICS, INFORMATION RETRIEVAL
ON THE THEORETICAL BASIS OF INFORMATION RETRIEVAL SYSTEMS.
AD-628 183 5B T 66 07 HC$ 6.00 MF$ 1.25

LINGUISTICS, LEARNING
AN OVERVIEW OF THE CONCEPTUAL STRUCTURE OF SUBTASK PIONEER VII.
AD-628 815 5J T 66 07 HC$ 4.00 MF$ 0.75

LINGUISTICS, THEORY
COMMENTARY ON THE GUBERINA HYPOTHESIS.
AD-629 254 5G T 66 08

LIPIDS, INTEGUMENTARY DISEASES
HUMAN SKIN LIPIDS AND THEIR RELATION TO SKIN DISEASES.
AD-467 008 6E U 41 07 HC$ 1.00 MF$ 0.50

LIPIDS, METABOLISM
INFLUENCE OF PERIODICITY OF EATING ON ADIPOSE TISSUE METABOLISM IN THE RAT.
AD-628 963 6P T 66 08

LIPOIC ACIDS, EMBRYOLOGY
EFFETS DE L (ACIDE ALPHA-LIPOIQUE SUR LE METABOLISME DES ACIDES NUCLEIQUES CHEZ LES EMBRYONS DE BATRACIENS ET DE POULET (EFFECTS OF ALPHA-LIPOIC ACID ON NUCLEIC ACID METABOLISM IN AMPHIBIAN AND CHICKEN EMBRYOS).
AD-629 462 6C T 66 08

LIQUEFIED GASES, HELIUM
DIELECTRIC CONSTANT OF HE3 IN THE CRITICAL REGION.
AD-628 345 20C T 66 07

LIQUID JETS, STABILITY
AN EXPERIMENTAL AND THEORETICAL ANALYSIS OF CYLINDRICAL LIQUID JETS SUBJECTED TO VIBRATION.
AD-629 293 20D T 66 08

LIQUID METAL COOLED REACTORS, REACTOR FUELS
REACTOR DEVELOPMENT PROGRAM PROGRESS REPORT, SEPTEMBER 1965.
ANL-7105 18I U 41 08 HC$ 3.00 MF$ 0.75

LIQUID METAL COOLED REACTOR, REACTOR FUELS
REACTOR DEVELOPMENT PROGRAM PROGRESS REPORT, OCTOBER 1965.
ANL-7115 18I U 41 08 HC$ 3.00 MF$ 0.75

LIQUID METALS, HEAT OF VAPORIZATION
ANALYSES OF VAPORIZATION IN LIQUID URANIUM BEARING SYSTEMS AT VERY HIGH TEMPERATURES.
N66-12256 20M U 41 07 HC$ 2.00 MF$ 0.50

LIQUID METALS, HIGH-TEMPERATURE RESEARCH
HIGH-TEMPERATURE LIQUID-METAL TECHNOLOGY REVIEW.
BNL-953 11F U 41 08 HC$ 3.00 MF$ 0.50

LIQUID METALS, LUBRICANTS
MOLTEN METALS AS HIGH-TEMPERATURE LUBRICANTS.
AD-629 415 11H T 66 08 HC$ 1.00 MF$ 0.50

LIQUID METALS, MAGNETOHYDRODYNAMICS
LIQUID MHD POWER CYCLE STUDIES.
ANL-6954 20I U 41 08 HC$ 3.00 MF$ 0.75

LIQUID ROCKET PROPELLANTS, MICROORGANISMS
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

LIQUIDS, ATOMIZATION

INVESTIGATION OF ULTRASONIC ATOMIZERS OF LIQUIDS AND MELTS.
AD-629 414 14B T 66 08 HC$ 1.00 MF$ 0.50

LITHIUM COMPOUNDS, CHEMICAL REACTIONS
THE REACTIONS OF METHYL- AND N-BUTYLLITHIUM WITH DICHLOROMETHYL METHYL ETHER AND DICHLORODIPHENOXY METHANE.
AD-629 683 7C T 66 08

LITHIUM COMPOUNDS, HYDRIDES
A STUDY OF THE VALENCE ELECTRON APPROXIMATION: APPLICATION TO LIH.
AD-628 261 7D T 66 07

LITHIUM COMPOUNDS, OXIDATION-REDUCTION REACTIONS
SELECTIVE REDUCTIONS. VI. THE REACTION OF LITHIUM TRI-T-BUTOXY ALUMINOHYDRIDE WITH PHENOLIC ESTERS. A NEW ALDEHYDE SYNTHESIS.
AD-629 448 7C T 66 08

SELECTIVE REDUCTIONS. VIII. THE STEREOCHEMISTRY OF REDUCTION OF CYCLIC AND BICYCLIC KETONES BY THE ALKOXY-SUBSTITUTED LITHIUM ALUMINUM HYDRIDES.
AD-629 470 7C T 66 08

LITHIUM, CHEMICAL ANALYSIS
AUTOMATED ANALYSIS OF LITHIUM SOLUTIONS.
GP-985 7B U 41 08 HC$ 1.00 MF$ 0.50

LITHIUM, EXCITATION
EXCITATION OF THE 2P LEVEL IN LITHIUM BY ELECTRON IMPACT.
AD-628 427 7D T 66 07

LITHOSPHERE, ELECTRICAL PROPERTIES
DEEP RESISTIVITY INVESTIGATIONS IN THE CONTINENTAL UNITED STATES.
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75

AN INVESTIGATION OF THE MAGNETOTELLURIC METHOD FOR DETERMINING SUBSURFACE RESISTIVITIES.
AD-629 071 8G T 66 08 HC$ 4.00 MF$ 0.75

LITHOSPHERE, RESISTANCE(ELECTRICAL)
RESULTS OF DEEP RESISTIVITY MEASUREMENTS IN SIX PRECAMBRIAN AREAS OF THE WESTERN U. S.
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50

LITHOSPHERE, TERRESTRIAL MAGNETISM
GEOMAGNETIC FIELD INVERSION (REVERSAL) IN THE LOWER DEVONIAN.
AD-628 786 8N T 66 07 HC$ 1.60 MF$ 0.50

A PROVEN CASE OF GEOMAGNETIC FIELD INVERSION.
AD-628 787 8N T 66 07 HC$ 1.10 MF$ 0.50

LIVER, HYPOTHERMIA
EFFECT OF PROLONGED HYPOTHERMIA ON THE HEART AND LIVER.
AD-629 067 6S T 66 08 HC$ 1.10 MF$ 0.50

LIVER, NECROSIS
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE.
AD-628 263 6A T 66 07

LOADING(MECHANICS), DAMS
ULTIMATE LOADS OF A CLASS OF SHELLS OF MATERIAL WITH NON-LINEAR BEHAVIOR.
AD-628 509 13H T 66 07 MF$ 0.75

LOADING(MECHANICS), ELASTICITY
STEP LOAD MOVING WITH SUPERSEISMIC VELOCITY ON THE SURFACE OF AN ELASTIC-PLASTIC HALF-SPACE.
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75

LOADING(MECHANICS), STRUCTURAL PARTS
STRENGTH AND BEHAVIOR OF SIMULATED CULVERT SECTIONS FAILING IN SHEAR.
AD-628 285 13B T 66 07 HC$ 8.60 MF$ 0.75

LOCKING FASTENER DEVICES, PERFORMANCE(ENGINEERING)
RESEARCH ON AN EXPANDABLE AIRLOCK UTILIZING THE ELASTIC RECOVERY PRINCIPLE.
N66-13023 22A U 41 08 HC$ 4.00 MF$ 0.75

LOGISTICS, INVENTORY CONTROL
A STUDY OF MILITARY ELECTRONIC AND ELECTRO- MECHANICAL SPECIFICATION PART IDENTIFICATION REQUIREMENTS.
AD-629 544 15E T 66 08 HC$ 3.00 MF$ 0.75

LOGISTICS, LUNAR BASES
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL OBSERVATORY ON THE MOON.
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

LOGISTICS, SYSTEMS ENGINEERING
LOGISTICS SYSTEMS CAPACITY.
AD-629 131 15E T 66 08 HC$ 2.00 MF$ 0.50

PROCEEDINGS OF THE NMSE SYSTEMS PERFORMANCE EFFECTIVENESS CONFERENCE, CIVIL SERVICE COMMISSION AUDITORIUM, WASHINGTON, D. C., 27-28 APRIL 1965.
AD-629 145 15E T 66 08 HC$24.60 MF$ 1.25

LOW TEMPERATURE BATTERIES, SPACE PROBES
DEVELOPMENT OF A LOW TEMPERATURE BATTERY FOR SPACE PROBE APPLICATIONS.
N66-12347 10C U 41 08 HC$ 4.00 MF$ 1.00

LOW-ORBIT TRAJECTORIES, MANNED SPACECRAFT
SEPARATION TRAJECTORY CHARACTERISTICS RESULTING FROM SEPARATING TWO VEHICLES IN NEAR-EARTH ORBITS.
N66-12251 22C U 41 07 HC$ 2.00 MF$ 0.50

LOW-PASS FILTERS, AMPLIFIERS
AN ACTIVE LOW-PASS FILTER.
AD-463 913 9A U 41 07 HC$ 1.00

LUBRICANTS, CHROMATOGRAPHIC ANALYSIS
ANALYSIS FOR ACYL COMPONENTS OF NEOPENTYL POLYOL ESTER LUBRICANTS.
AD-628 914 11H T 66 08 HC$ 1.00 MF$ 0.50

LUBRICANTS, COMPOSITE MATERIALS
SELF-LUBRICATING MATERIALS.
AD-629 674 11H T 66 08 HC$ 2.60 MF$ 0.50

LUBRICANTS, CORROSION INHIBITION
VAPOR-SPACE-CORROSION INHIBITED OILS FOR USE IN STEAM-TURBINE LUBRICATING SYSTEMS.
AD-628 838 11H T 66 07 HC$ 4.60 MF$ 0.50

LUBRICANTS, ETHERS
ROLLING-CONTACT LUBRICATION STUDIES WITH POLYPHENYL ETHERS AT REDUCED PRESSURE.
N66-12142 11H U 41 08 HC$ 1.00 MF$ 0.50

LUBRICANTS, FLOW SEPARATION
CONDITIONS FOR THE RUPTURE OF A LUBRICATING FILM.
AD-629 039 11H T 66 08 HC$ 3.00 MF$ 0.50

LUBRICANTS, ICE
REPORT ON NRL PROGRESS.
PB-169 123 14B U 41 07 HC$ 1.25 MF$ 0.50

LUBRICANTS, JET FIGHTERS
A COST ESTIMATING RELATIONSHIP FOR PETROLEUM-OIL-LUBRICANTS COSTS.
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75

LUBRICANTS, LIQUID METALS
MOLTEN METALS AS HIGH-TEMPERATURE LUBRICANTS.
AD-629 415 11H T 66 08 HC$ 1.00 MF$ 0.50

LUBRICANTS, MICROORGANISMS
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

LUBRICANTS, PREPARATION
CORROSION INHIBITING RESIN-BONDED SOLID FILM LUBRICANT.
PATENT 3,223,626 11H U 41 08

LUBRICATION, BEARINGS
SELF-LUBRICATING MATERIALS.
AD-629 674 11H T 66 08 HC$ 2.60 MF$ 0.50

LUBRICATION, GEARS
STUDY OF HELICOPTER GEAR LUBRICATION.
AD-628 446 11H T 66 07 HC$ 2.60 MF$ 0.50

LUBRICATION, HYDRODYNAMICS
CONDITIONS FOR THE RUPTURE OF A LUBRICATING FILM.
AD-629 039 11H T 66 08 HC$ 3.00 MF$ 0.50

LUMINESCENCE, CHROMIUM
THERMOLUMINESCENT FORMATION OF CR(2+) IN MAGNESIUM OXIDE.
AD-629 660 20L T 66 08

LUMINESCENCE, PHOSPHORESCENT MATERIALS
LUMINESCENCE, INFRARED RESPONSE AND ENERGY STORAGE OF VARIOUS LUMINESCENT MATERIALS IN RELATION TO PREPARATIVE METHODS AND CONDITIONS.
AD-628 394 20F T 66 07 HC$ 2.00 MF$ 0.50

LUMINESCENCE, QUENCHING(INHIBITION)
KINETICS OF THE TRIPLET STATE.
AD-628 571 7D T 66 07 HC$ 3.60 MF$ 0.50

LUMINESCENCE, RECOMBINATION REACTIONS
RECOMBINATION LUMINESCENCE IN THE SCINTILLATION OF NORMAL AND SUPERFLUID LIQUID HELIUM.
AD-628 657 20F T 66 07

LUMINESCENCE, SPECTROSCOPY
METHODS OF SPECTRAL ANALYSIS. GENERAL INFORMATION ON LUMINESCENCE AND ITS ANALYSIS.
AD-629 671 7E T 66 08 HC$ 1.60 MF$ 0.50

LUNAR BASES, LOGISTICS
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL OBSERVATORY ON THE MOON.
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

LUNAR CRAFT, SOFT LANDINGS
MONTE CARLO APPROACH TO TOUCHDOWN DYNAMICS FOR SOFT LUNAR LANDING.
N66-10749 22A U 41 07 HC$ 3.00 MF$ 0.50

LUNAR ENVIRONMENT, PHOTOMETRY
PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES.
N66-11876 22A U 41 08 HC$ 5.00 MF$ 1.00

LUNAR ENVIRONMENT, SIMULATION
PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES.
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50

LUNAR ENVIRONMENT, WIND
ON THE FLOW OF A MAGNETIZED SOLAR WIND AROUND THE MOON.
N66-10681 20H U 41 08 HC$ 1.00 MF$ 0.50

LUNAR PROBES, USSR

SOME NEW DATA ABOUT THE INVISIBLE SIDE OF THE MOON.
AD-628 534 3A T 66 07 HC$ 1.00 MF$ 0.50

LUNAR SATELLITES, GUIDANCE
A GUIDANCE SCHEME FOR LUNAR DESCENT BASED ON LINEAR PERTURBATION THEORY.
N66-13229 22C U 41 07 HC$ 2.00 MF$ 0.50

LUNAR SATELLITES, TRACKING
SENSITIVITY OF SHORT-PERIOD TRACKING DATA FROM A LUNAR SATELLITE TO THE LUNAR GRAVITATIONAL FIELD HARMONICS.
N66-11253 22A U 41 07 HC$ 3.00 MF$ 0.50

LUNGS, DROWNING
ULTRASTRUCTURAL ALTERATIONS IN RAT LUNGS. CHANGES AFTER INTRATRACHEAL PERFUSION WITH FRESHWATER AND SEAWATER.
AD-629 345 6E T 66 08

LUNGS, EDEMA
RESEARCH ON THERAPY OF PULMONARY EDEMA ASSOCIATED WITH OXIDIZERS.
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50

LUXEMBERG EFFECT, ATMOSPHERIC SOUNDING
THE MEASUREMENT OF PHASE AND AMPLITUDE RADIO WAVE INTERACTION AT UNIVERSITY PARK, PENNSYLVANIA, JULY - AUGUST - SEPTEMBER, 1965.
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50

LYMPHOCYTES, RADIATION EFFECTS
THE EFFECT OF X-RADIATION ON THE CELL SIZE DISTRIBUTION OF THYMUS LYMPHOCYTES.
AD-628 121 6R T 66 07

MACHINE TRANSLATION, LINGUISTICS
ON THE THEORETICAL BASIS OF INFORMATION RETRIEVAL SYSTEMS.
AD-628 183 5R T 66 07 HC$ 6.00 MF$ 1.25

MACHINE TRANSLATION, OFFICE EQUIPMENT + SUPPLIES
RUSSIAN STENOTYPE EQUIPMENT. VOLUME I. RUSSIAN STENOTYPE SYSTEMS CODES, COMPUTER SYSTEMS, AND TRAINING.
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN STENOTYPE EQUIPMENT. VOLUME II. RUSSIAN STENOTYPE TERMINAL EQUIPMENT AND INPUT MULTIPLEXING.
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME III. RUSSIAN STENOTYPE TRAINING AND EVALUATION MACHINE.
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME IV. INSTRUCTOR'S TRAINING MANUAL FOR RUSSIAN STENOTYPE.
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75

MACHINE TRANSLATION, SCIENTIFIC RESEARCH
SUGGESTIONS FOR MECHANICAL TRANSLATION.
PB-169 241 5G U 41 07 HC$ 1.00 MF$ 0.50

MACHINING, ELECTRON BEAMS
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50

MAG NETIC FIELDS, THERMAL CONDUCTIVITY
WIEDEMANN-FRANZ LAW IN THE QUANTUM LIMIT FOR ISOTROPIC SCATTERING.
AD-628 344 20C T 66 07

MAGNESIUM COMPOUNDS, OXIDES
THE MECHANICAL PROPERTIES OF CERAMIC ALLOYS.
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50

GRAIN BOUNDARY DIFFUSION IN MGO: ORIGIN OF THE EFFECT.
AD-628 849 20B T 66 07 HC$ 1.00 MF$ 0.50

THERMAL EFFECTS ON THE FLUORESCENCE LIFETIME AND SPECTRUM OF MGO:V(2+).
AD-629 266 20L T 66 08

DIFFUSION OF OXYGEN IN MAGNESIUM OXIDE.
AD-629 481 20B T 66 08 HC$ 5.00 MF$ 1.00

DISLOCATION STRUCTURES IN CLEAVED MAGNESIUM OXIDE.
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50

A HYDROGEN-CONTAINING TRAPPED HOLE CENTER IN MAGNESIUM OXIDE.
AD-629 658 20L T 66 08

SPIN STATES OF TRIVALENT CHROMIUM WITH TETRAGONAL SYMMETRY IN MGO.
AD-629 659 20L T 66 08

THERMOLUMINESCENT FORMATION OF CR(2+) IN MAGNESIUM OXIDE.
AD-629 660 20L T 66 08

TRAPPED HOLE CENTER CONTAINING FLUORINE IN MAGNESIUM OXIDE.
AD-629 661 20L T 66 08

MAGNESIUM COMPOUNDS, SULFATES
ULTRASONIC ABSORPTION IN MGSO4 SOLUTIONS AS A FUNCTION OF PRESSURE AND DIELECTRIC CONSTANT.
AD-629 138 7D T 66 08

MAGNET COILS, MATERIAL FORMING
THE ELECTROMAGNETIC HAMMER.
N66-12344 13H U 41 07 HC$ 0.50 MF$ 0.25

MAGNETIC FIELDS, CHARGED PARTICLES
NONADIABATIC PARTICLE LOSSES IN AXISYMMETRIC AND MULTIPOLAR MAGNETIC FIELDS.
N66-13022 20H U 41 07 HC$ 3.00 MF$ 0.75

MAGNETIC FIELDS, CONICAL BODIES
MAGNETIC FIELDS DUE TO SOLID AND HOLLOW CONICAL CONDUCTORS.
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00

MAGNETIC FIELDS, CRYSTAL LATTICES
PROPER FUNCTIONS FOR A BLOCH ELECTRON IN A MAGNETIC FIELD.
AD-628 375 20H T 66 07

MAGNETIC FIELDS, DIFFUSION
MAGNETIC FIELD DIFFUSION ASSOCIATED WITH AN IONIZING SHOCK WAVE INTERACTING WITH AN ELECTROMAGNETIC FIELD.
AD-629 260 20I T 66 08

MAGNETIC FIELDS, ELECTRONS
BLOCH ELECTRONS IN EXTERNAL ELECTRIC AND MAGNETIC FIELDS.
AD-629 182 20C T 66 08

MAGNETIC FIELDS, MATHEMATICAL ANALYSIS
MAGNETIC FIELD COMPUTATIONS FOR UNIFORMLY MAGNETIZED BODIES WITH ODD SHAPES.
AD-458 418 20C U 41 08 HC$ 5.60

MAGNETIC FIELDS, PRODUCTION
ULTRASTRONG MAGNETIC FIELDS.
AD-628 259 20C T 66 07

MAGNETIC FIELDS, PROTONS
PROTONS AND HELIUM NUCLEI WITHIN INTERPLANETARY MAGNETIC REGIONS WHICH COROTATE WITH THE SUN.
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50

MAGNETIC FIELDS, SUPERCONDUCTORS
DYNAMIC VORTEX EFFECTS IN THIN SUPERCONDUCTORS.
AD-629 460 20C T 66 08

QUANTIZED VORTICES IN SUPERCONDUCTORS.
AD-629 463 20C T 66 08

MAGNETIC FIELDS, SUSPENSION DEVICES
METHODS OF CONTROLLING THE ROLL DEGREE OF FREEDOM IN A WIND TUNNEL MAGNETIC BALANCE. PART I. PRODUCTION OF ROLLING MOMENTS.
AD-628 570 14B T 66 07 HC$ 4.60 MF$ 0.50

MAGNETIC MATERIALS, FILMS
PHONON GENERATION BY MAGNETIC FILMS.
AD-629 714 20C T 66 08

MAGNETIC MATERIALS, SPECIFIC HEAT
SPECIFIC-HEAT SINGULARITY IN MNF2.
AD-628 728 20L T 66 07

SPECIFIC HEAT OF FE3(PO4)2.8H20.
AD-628 742 20L T 66 07

MAGNETIC MATERIALS, THERMAL EXPANSION
THERMAL EXPANSION OF MAGNETIC METALS AT LOW TEMPERATURES.
AD-629 558 20L T 66 08

MAGNETIC MOMENTS, ELECTRONS
EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING.
AD-628 338 20C T 66 07

MAGNETIC MOMENTS, PARTICLES
THEORETICAL STUDY OF SPACE PLASMAS.
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75

MAGNETIC PROPERTIES, BISMUTH
GALVANO-THERMOMAGNETIC PHENOMENA AND THE FIGURE OF MERIT IN BISMUTH, II. SURVEY OF EXPERIMENTAL DATA AND CALCULATION OF DEVICE PARAMETERS.
AD-628 559 10B T 66 07

MAGNETIC PROPERTIES, COPPER COMPOUNDS
MAGNETIC PROPERTIES OF CUF2.
AD-629 292 20L T 66 08

MAGNETIC PROPERTIES, METALS
TEMPERATURE-OSCILLATION METHOD FOR OBSERVING DE-HAAS-VAN ALPHEN OSCILLATIONS AND OTHER MAGNETIC PHENOMENA.
AD-629 194 20C T 66 08

MAGNETIC PROPERTIES, NICKEL COMPOUNDS
MAGNETIC PARAMETERS IN NIF2.
AD-629 293 20L T 66 08

MAGNETIC PROPERTIES, PHASE STUDIES
INVESTIGATION OF THE DYNAMIC PROPERTIES OF PHASE TRANSITIONS OF ORDERED MAGNETIC STATES.
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75

MAGNETIC PROPERTIES, RUBIDIUM COMPOUNDS
MAGNETIC STUDIES OF THE ANTIFERROMAGNET RBMNF3.
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50

MAGNETISM, FILMS
EFFECT OF SURFACE PINNING ON THE MAGNETIZATION OF THIN FILMS.
AD-629 654 20L T 66 08

MAGNETO HYDRODYNAMICS, EQUATIONS OF MOTION
THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A VISCOUS FLUID, PART 1.
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50

MAGNETO HYDRODYNAMICS, PLASMA PHYSICS
THERMODYNAMICS OF A MHD-PLASMA WITH INFINITE ELECTRICAL

CONDUCTIVITY,
AD-629 262 20I T 66 08

MAGNETOHYDRODYNAMICS, DAMPING
DAMPING OF INTERSTELLAR PLASMA WAVES BY THE COSMIC RAY GAS,
N66-11225 20H U 41 08 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, DIFFUSION
DIFFUSION OF A FULLY IONIZED PLASMA ACROSS A MAGNETIC FIELD.
AD-628 968 20I T 66 08 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, ELECTRICAL CONDUCTANCE
ELECTRICAL CONDUCTIVITY MEASUREMENTS IN A FARADAY ACCELERATOR,
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, ELLIPSOIDS
THE HYDROMAGNETICS OF AN ELLIPSOID MOVING IN AN ALIGNED FIELD,
AD-629 417 20I T 66 08

MAGNETOHYDRODYNAMICS, EQUATIONS OF MOTION
MAGNETOHYDRODYNAMIC FLOW IN THE INLET REGION OF A STRAIGHT CHANNEL.
AD-628 180 20I T 66 07 HC$ 4.60 MF$ 0.50

ASYMPTOTIC APPROACH TO HARTMANN-POISEUILLE FLOWS.
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50

MAGNETOHYDRODYNAMICS, GENERATORS
LIQUID MHD POWER CYCLE STUDIES,
ANL-6954 20I U 41 08 HC$ 3.00 MF$ 0.75

MAGNETOHYDRODYNAMICS, HALL EFFECT
RAYLEIGH'S PROBLEM IN MAGNETOGASDYNAMICS WITH HALL EFFECT.
AD-628 467 20I T 66 07

MAGNETOHYDRODYNAMICS, HIGH-TEMPERATURE RESEARCH
THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. I. KINETICS OF HIGH-TEMPERATURE AIR IN THE PRESENCE OF AN ELECTROMAGNETIC FIELD.
AD-628 906 20I T 66 08

MAGNETOHYDRODYNAMICS, IONIZATION
EXTRA THERMAL IONIZATION AND MHD FLOWS.
AD-628 065 20I T 66 07 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, MATHE MATICAL ANALYSIS
GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

MAGNETOHYDRODYNAMICS, PLASMA MEDIUM
FLOWING GAS DISCHARGES IN POTASSIUM AND MERCURY.
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50

MAGNETOHYDRODYNAMICS, SHOCK WAVES
MAGNETOGASDYNAMIC HYPERCRITICAL FLOWS WITH SHOCKS,
AD-628 061 20I T 66 07

MAGNETIC FIELD DIFFUSION ASSOCIATED WITH AN IONIZING SHOCK WAVE INTERACTING WITH AN ELECTROMAGNETIC FIELD.
AD-629 260 20I T 66 08

MAGNETOHYDRODYNAMICS, STABILITY
ROLE OF CONDUCTIVITY IN HYDROMAGNETIC STABILITY OF PARALLEL FLOWS,
N66-12529 20I U 41 07 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, UPPER ATMOSPHERE
EQUATORIAL TRANSMISSION OF GEOMAGNETIC MICROPULSATIONS THROUGH THE IONOSPHERE AND LOWER EXOSPHERE,
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50

MAGNETOMETERS, RUBIDIUM
SOME FABRICATION TECHNIQUES OF SPECTRAL LAMPS AND GAS ABSORPTION CELLS FOR RUBIDIUM MAGNETOMETERS,
N66-11208 14B U 41 08 HC$ 1.00 MF$ 0.50

MAGNETO-OPTIC EFFECT, ATMOSPHERIC SOUNDING
IONOSPHERIC RESEARCH.
AD-629 449 4A T 66 08 HC$ 1.60 MF$ 0.50

MAGNETO-OPTIC EFFECT, DISPLAY SYSTEMS
MAGNETO-OPTICAL DISPLAY PANEL WITH MEMORY,
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50

MAGNETO-OPTIC EFFECT, LASERS
COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. II. EXPERIMENTAL.
AD-628 469 20E T 66 07

COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. I. THEORETICAL.
AD-628 470 20E T 66 07

MAGNETRONS, X BAND
C.W. X-BAND VOLTAGE TUNABLE OSCILLATOR.
AD-628 093 9A T 66 07 HC$ 3.00 MF$ 0.75

MAINE GULF, SEISMOLOGY
ATTENUATION OF PN FROM OFFSHORE MAINE EXPLOSIONS,
AD-628 275 8K T 66 07

MAINTENANCE PERSONNEL, JOB ANALYSIS
ORDNANCE NIKE DETACHMENT ELECTRONICS MAINTENANCE PERSONNEL. ANALYSIS OF ACTIVITIES WITH IMPLICATIONS FOR TRAINING, MAY 1957.
AD-628 165 5I T 66 07 HC$ 7.60 MF$ 0.75

MAINTENANCE PERSONNEL, PERFORMANCE (HUMAN)
PERFORMANCE EVALUATION OF APPRENTICE AIRCRAFT ELECTRONIC NAVIGATION EQUIPMENT REPAIRMEN (GENERAL) (GRADUATES OF ATC COURSE NO. ABR30131),
AD-466 126 5I U 41 07 HC$ 2.00 MF$ 0.50

MAINTENANCE PERSONNEL, PSYCHOMETRICS
PERSONNEL PSYCHOPHYSICS,
AD-628 241 5J T 66 07

MAINTENANCE PERSONNEL, TRAINING DEVICES
THE TROUBLE LOCATOR: A TROUBLESHOOTING AID FOR A COMPLEX ELECTRONIC SYSTEM,
PB-169 205 5I U 41 07 HC$ 1.00 MF$ 0.50

MAINTENANCE, SPACECRAFT
OPTIMAL PROCEDURES FOR STOCHASTICALLY FAILING EQUIPMENT,
N66-10755 22B U 41 08 HC$ 2.00 MF$ 0.50

MALAYA, COMMERCE
MALAYSIA.
PB-169 264 5C U 41 07 HC$ 2.00 MF$ 0.75

MANAGEMENT CONTROL SYSTEMS, SYMPOSIA
PROCEEDINGS OF NASA INDUSTRY PERT COMPUTER CONFERENCE.
N66-10561 9B U 41 08 HC$ 5.00 MF$ 1.00

MANAGEMENT CONTROL SYSTEMS, ANALYSIS OF VARIANCE
EVALUATION OF CONTRACTOR'S PERT-TIME ESTIMATING ABILITY.
AD-628 058 5A T 66 07 HC$ 3.00 MF$ 0.75

MANAGEMENT ENGINEERING, ORDNANCE LABORATORIES
ALO STANDARD STRUCTURE FOR MANAGERIAL DATA,
ALO-1 5A U 41 08 HC$ 3.00 MF$ 0.75

MANAGEMENT ENGINEERING, SCIENTIFIC RESEARCH
THE MANAGEMENT OF PROGRAMMED RESEARCH,
AD-629 268 5A T 66 08 HC$ 1.00 MF$ 0.50

MANAGEMENT PLANNING, DEPARTMENT OF DEFENSE
DOD PROGRAMMING SYSTEM. AN EXPLANATION AND EVALUATION.
AD-628 101 5A T 66 07 HC$16.00 MF$ 1.00

MANAGEMENT PLANNING, FOREIGN AID
ECONOMIC DEVELOPMENT PLANNING AND INFORMATION SYSTEMS: A DISCUSSION AND BIBLIOGRAPHY,
AD-628 213 5C T 66 07 HC$ 3.00 MF$ 0.75

MANAGEMENT PLANNING, LOGISTICS
LOGISTICS SYSTEMS CAPACITY,
AD-629 131 15E T 66 08 HC$ 2.00 MF$ 0.50

MANAGEMENT PLANNING, SYSTEMS ENGINEERING
SYSTEMS ANALYSIS TECHNIQUES FOR PLANNINGPROGRAMMING-BUDGETING,
AD-629 564 5A T 66 08 HC$ 2.00 MF$ 0.50

MANGANESE ALLOYS, PHASE STUDIES
BETA-MANGANESE PHASES IN TERNARY SYSTEMS OF TRANSITION ELEMENTS WITH SILICON, GERMANIUM, OR TIN,
AD-628 648 11F T 66 07

MANGANESE COMPOUNDS, ELECTRICAL PROPERTIES
ELECTRICAL PROPERTIES OF TRANSITION METAL OXIDES UP TO 1800C,
AD-628 321 20L T 66 07 HC$ 3.00 MF$ 0.75

MANGANESE COMPOUNDS, FLUORIDES
SPECIFIC-HEAT SINGULARITY IN MNF2,
AD-628 728 20L T 66 07

MANGANESE, LINE SPECTRUM
OPTICAL ZEEMAN EFFECT IN THE R1 AND R2 LINES OF MN(4+) IN A1203,
AD-628 346 20L T 66 07

MANNED SPACECRAFT, MOON
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM,
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

MANNED SPACECRAFT, ATMOSPHERE ENTRY
PERFORMANCE EVALUATION OF THERMO-LAG MATERIAL FOR ENTRY HEAT PROTECTION OF ADVANCED MANNED SPACECRAFT.
N66-10712 11A U 41 08 HC$ 6.00 MF$ 1.25

MANNED SPACECRAFT, LIFE SUPPORT
THERMAL INTEGRATION OF ELECTRICAL POWER AND LIFE SUPPORT SYSTEMS FOR MANNED SPACE STATIONS,
N66-11249 6K U 41 08 HC$ 7.00 MF$ 1.75

MANNED SPACECRAFT, MOON
LUNAR SCIENTIFIC OPERATIONS,
N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50

MANNED SPACECRAFT, SCIENTIFIC RESEARCH
NASA UNIVERSITY PROGRAM REVIEW CONFERENCE, KANSAS CITY, MISSOURI, MARCH 1-3, 1965.
N66-12401-12428 22A U 41 07 HC$ 1.50 MF$ 2.00

MANNED SPACECRAFT, SPACECRAFT DOCKING
A STUDY OF GEMINI-AGENA DOCKING USING A FIXED-BASE SIMULATOR EMPLOYING A CLOSED-CIRCUIT TELEVISION SYSTEM,
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50

MANPOWER STUDIES, MILITARY REQUIRE MENTS
KEY-WORD-IN-CONTEXT (KWIC). INDEX TO HUMAN RESOURCES RESEARCH OFFICE BIBLIOGRAPHY OF PUBLICATION AS OF 30 JUNE 1965,
AD-473 365 5I U 41 08 HC$ 2.00 MF$ 0.50

HUMAN RESOURCES RESEARCH OFFICE BIBLIOGRAPHY OF PUBLICATIONS AS OF 30 JUNE 1965.

AD-473 366 5I U 41 08 HC$ 5.00 MF$ 1.00

MAN-MACHINE SYSTEMS, PERFORMANCE(HUMAN)
PERFORMANCE OF HUMAN OPERATORS UNDER VARIOUS SYSTEM PARAMETERS,
N66-10758 5H U 41 08 HC$ 2.00 MF$ 0.50

MAN-MACHINE SYSTEMS, DECISION MAKING
TELLING A COMPUTER HOW TO EVALUATE MULTIDIMENSIONAL SITUATIONS.
AD-628 564 5H T 66 07

MAN-MACHINE SYSTEMS, RADAR PULSES
BASELINE: A MAN-MACHINE PROGRAM FOR DATA ANALYSIS.
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00

MAN-MACHINE SYSTEMS, SYMPOSIA
SOME COMMENTS ON THE ORGANIZATION OF MEN, MACHINES, AND CONCEPTS,
AD-628 141 6D T 66 07 HC$ 1.00 MF$ 0.50

MAPPING(TRANSFORMATIONS), ALGEBRAS
NORM DECREASING HOMOMORPHISMS OF GROUP ALGEBRAS,
AD-629 617 12A T 66 08

MAPPING(TRANSFORMATIONS), CONTEXT SENSITIVE GRAMMARS
MAPPINGS WHICH PRESERVE CONTEXT SENSITIVE LANGUAGES.
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50

MAPPING(TRANSFORMATIONS), MEASURE THEORY
ON THE LIFTING PROPERTY AND DISINTEGRATION OF MEASURES,
AD-628 620 12A T 66 07

MAPPING(TRANSFORMATIONS), SEQUENCES
INVERSE LIMIT SEQUENCES WITH COVERING MAPS,
AD-629 143 12A T 66 08

MAPPING(TRANSFORMATIONS), THEORY
A FAMILY OF SPECTRAL OPERATIONS,
AD-629 032 12A T 66 08

MAPPING(TRANSFORMATIONS), TOPOLOGY
AN ARBITRARILY SMALL ANALYTIC MAPPING INTO R+ OF A PROPER REGULAR, ANALYTIC R-MANIFOLD IN E(M),
AD-628 393 12A T 66 07

MAPPING, PROGRAMMING(COMPUTERS)
THREE COMPUTER PROGRAMS FOR CONTIGUITY MEASURES.
AD-628 612 8B T 66 07 HC$ 3.60 MF$ 0.50

MARINE ENGINEERING, NUCLEAR POWER PLANTS
RESEARCH AND DEVELOPMENT STUDY FOR DEEP OCEAN REACTOR PLACEMENT.
AD-466 696 18E U 41 08 HC$ 7.00 MF$ 1.50

MARINE BIOLOGICAL NOISE, PACIFIC OCEAN
MARINE BIOLOGICAL SOUND WEST OF SAN CLEMENTE ISLAND. DIURNAL DISTRIBUTIONS AND EFFECTS ON AMBIENT NOISE LEVEL DURING JULY 1963.
AD-467 351 20A U 41 07 HC$ 2.00 MF$ 0.50

MARINE BIOLOGY, CRUSTACEA
LIFE CYCLE, FOOD, AND GROWTH OF THE AMPHIPOD AMPELISCA MACROCEPHALA LILJEBORG FROM THE OERESUND,
AD-628 591 8A T 66 07

MARINE BIOLOGY, ECHINODERMATA
FEEDING BIOLOGY OF THE SEA-STAR LUIDIA SARSI DUBEN AND KOREN,
AD-628 592 8A T 66 07

MARINE BIOLOGY, PARASITES
LIFE HISTORY AND BIOLOGY OF KRONBORGIA AMPHIPODICOLA CHRISTENSEN AND KANNEWORFF (TURBELLARIA, NEORHABDOCOELA),
AD-628 590 8A T 66 07

MARINE BORERS, TOXICITY
SCREENING OF CHEMICAL TOXICITY TO MARINE BORERS.
AD-629 707 6T T 66 08 HC$ 4.00 MF$ 0.75

MARINE ENGINEERING, CRUISERS
CALCULATED NATURAL FREQUENCIES AND NORMAL MODES OF THE GUIDED MISSILE CRUISER USS LONG BEACH (CG(N)-9).
AD-628 441 13J T 66 07 HC$ 5.60 MF$ 0.50

MARINE ENGINEERING, FOUNDATIONS(STRUCTURES)
ANALYSIS OF WAVE FORCES ON A 30-INCH DIAMETER PILE UNDER CONFUSED SEA CONDITIONS.
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75

MARINE GEOLOGY, ANTARCTIC REGIONS
MARINE GEOLOGY, USNS ELTANIN CRUISES 9-15.
PB-169 184 8J U 41 08 HC$ 7.00 MF$ 1.50

MARINE GEOLOGY, CALIFORNIA
GEOLOGIC STUDIES OF SOUTHERN CALIFORNIA SUBMARINE CANYONS.
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75

MARINE GEOLOGY, CENTRAL AMERICA
REFLECTION PROFILES ACROSS THE MIDDLE AMERICA TRENCH,
AD-629 136 8J T 66 08

MARINE GEOLOGY, FAULTS(GEOLOGY)
TRANSCURRENT FAULTING IN THE OCEAN FLOOR,
AD-629 142 8J T 66 08

MARINE GEOLOGY, PACIFIC OCEAN
SUBBOTTOM PROFILE OF ABYSSAL SEDIMENTS IN THE CENTRAL EQUATORIAL PACIFIC,
AD-628 966 8J T 66 08

MARINE GEOPHYSICS, SEISMOLOGY
COHERENCE MEASUREMENTS WITH TIME SAMPLING OCEAN-BOTTOM SEISMOMETERS,
AD-629 466 8K T 66 08

MARINE GEOPHYSICS, TIDES
CAUSES OF RELATIVE SEA-LEVEL CHANGES.
AD-628 573 8C T 66 07

MARINE METEOROLOGY, TROPICAL REGIONS
ATMOSPHERIC WATER BUDGET OVER TROPICAL AREAS.
AD-629 163 4B T 66 08 HC$ 4.60 MF$ 0.50

MARINE PROPULSION, VIBRATION
LONGITUDINAL VIBRATION OF PROPULSION SYSTEM ON USS SIMON LAKE (AS-33),
AD-629 273 13J T 66 08 HC$ 3.60 MF$ 0.50

MARKERS, COLORED SMOKES
SMOKE MARKER DETECTION AND IDENTIFICATION STUDY.
AD-467 335 19A U 41 07 HC$ 3.00 MF$ 0.75

MARKERS, ROCKET HEADS
DEVELOPMENT OF COLOR MARKER HEADS FOR THE 2.75-INCH ROCKET.
AD-629 037 19A T 66 08 HC$ 9.60 MF$ 0.75

MARS PROBES, SOILS
ENZYME ACTIVITY IN TERRESTRIAL SOIL IN RELATION TO EXPLORATION OF THE MARTIAN SURFACE.
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75

MARS PROBES, SPACE CAPSULES
STUDY OF MARS AND VENUS ORBITER MISSIONS LAUNCHED BY THE 3-STAGE SATURN C-1 B VEHICLE, VOLUME III,
N66-10887 22A U 41 08 HC$ 8.00 MF$ 2.50

MARSHALL ISLANDS, GEOLOGY
TERRESTRIAL SEDIMENTS AND SOILS OF THE NORTHERN MARSHALL ISLANDS,
AD-628 150 8G T 66 07 HC$ 6.00 MF$ 1.25

MARS, SOIL MECHANICS
STUDIES OF LUNAR AND MARTIAN SOIL MECHANICS.
N66-12980 3B U 41 08 HC$ 1.00 MF$ 0.50

MARS, ATMOSPHERE
A FEASIBILITY STUDY OF THE MASS SPECTROMETER INSTRUMENTATION FOR THE ANALYSIS OF THE MARTIAN ATMOSPHERE.
N66-11743 14B U 41 08 HC$ 6.00 MF$ 1.50

MARS, SOFT LANDINGS
MARS LANDING AND RECONNAISSANCE MISSION ENVIRONMENTAL CONTROL AND LIFE SUPPORT SYSTEM STUDY. VOLUME 2. SUBSYSTEM STUDIES.
N66-10938 6K U 41 08 HC$ 7.00 MF$ 2.00

MASERS, MICROWAVE EQUIPMENT
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75

MASS SPECTROSCOPY, NITROGEN
MASS-SPECTROMETRIC STUDIES OF ATOMIC REACTIONS. V. THE REACTION OF NITROGEN ATOMS WITH NO2,
AD-629 665 7D T 66 08

MASS SPECTROSCOPY, OILS
A MASS SPECTROMETRIC ANALYSIS OF DC 704 DIFFUSION-PUMP OIL FRAGMENTATION,
N65-35833 7D U 41 07 HC$ 1.00 MF$ 0.50

MASS SPECTROSCOPY, SPECTRUM ANALYZERS
OPERATING PARAMETERS OF THE OMEGATRON MASS SPECTROMETER IN ULTRAHIGH VACUUM.
N66-13227 7D U 41 07 HC$ 2.00 MF$ 0.50

MATERIAL FORMING, DIAPHRAMS(MECHANICAL)
TECHNIQUE FOR FORMING PRESSURE WINDOWS FROM THIN METAL SHEETS.
AD-628 877 13H T 66 07

MATERIAL FORMING, HAMMERS
THE ELECTROMAGNETIC HAMMER.
N66-12344 13H U 41 07 HC$ 0.50 MF$ 0.25

MATERIAL FORMING, STATE-OF-THE-ART REVIEWS
THE FABRICATION OF BERYLLIUM,
AD-464 975 11F U 41 07 HC$ 4.00 MF$ 1.00

MATERIALS, ANALYSIS
MATERIALS ANALYTICAL RESEARCH.
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50

MATERIALS, DYNAMICS
SONIC AND ULTRASONIC OSCILLATIONS DURING DYNAMIC TESTS OF MATERIALS,
AD-628 307 20K T 66 07 HC$21.60 MF$ 1.25

MATERIALS, HANDLING
HANDLING HAZARDOUS MATERIALS.
N65-35394 21D U 41 07 MF$ 0.75

MATERIALS, SCIENTIFIC RESEARCH
ANNUAL TECHNICAL REPORT, JULY 1, 1964 TO JUNE 30, 1965.
AD-629 013 11G T 66 08 HC$ 4.00 MF$ 1.00

MATERIALS, SPACE ENVIRONMENTAL CONDITIONS
SPACE MATERIALS HANDBOOK.
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50

MATHEMATICAL LOGIC, INFORMATION THEORY

THE LOEVE-KARHUNEN EXPANSION AS A MEANS OF INFORMATION COMPRESSION FOR CLASSIFICATION OF CONTINUOUS SIGNALS.
AD-628 684 9D T 66 07 HC$ 3.60 MF$ 0.50

MATHEMATICAL LOGIC, THEOREMS
THEOREM-PROVING BY COMPUTER.
AD-628 319 9B T 66 07 HC$ 3.60 MF$ 0.50

MATHEMATICAL MODELS, COSTS
A COST ESTIMATING RELATIONSHIP FOR PETROLEUM-OIL-LUBRICANTS COSTS.
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75

MATHEMATICAL MODELS, OPERATIONS RESEARCH
THE ASSIGNMENT INTERFERENCE MODEL.
AD-628 381 12B T 66 07 HC$ 1.60 MF$ 0.50

MATHEMATICAL MODELS, PHOTOGRAM METRY
MATHEMATICAL TARGETING II: THE ANALYSIS OF ANALYTICAL AEROTRIANGULATION TECHNIQUES BY SIMULATION METHODS.
AD-629 628 8B T 66 08 HC$13.60 MF$ 1.00

MATHEMATICAL MODELS, RADIOACTIVE FALLOUT
DEVELOPMENT OF AN IMPROVED LAND-SURFACE FALLOUT MODEL.
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00

MATHEMATICAL MODELS, STATISTICAL ANALYSIS
PROBLEMS IN THE STATISTICAL ANALYSIS OF SIMULATION EXPERIMENTS: THE COMPARISON OF MEANS AND THE LENGTH OF SAMPLE RECORDS.
AD-628 626 12A T 66 07 HC$ 2.60 MF$ 0.50

MATHEMATICAL MODELS, WARFARE
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES.
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

MATHEMATICAL PROGRAMING, ALGORITHMS
ON SOLVING BI-CRITERION MATHEMATICAL PROGRAMS.
AD-629 519 12B T 66 08 HC$ 3.60 MF$ 0.50

MATHEMATICAL PROGRAMMING, SCHEDULING
THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS.
AD-628 220 9B T 66 07 HC$ 7.25 MF$ 2.00

MATHEMATICS, PERIODICALS
COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS, VOLUME XIX, NUMBER 1, FEBRUARY, 1966.
AD-629 435 12A T 66 08 MF$ 0.75

MATRIX ALGEBRA, LINEAR PROGRAMMING
ON DIRECT SUMS AND TENSOR PRODUCTS OF LINEAR PROGRAMS.
AD-629 487 12B T 66 08

MATRIX ALGEBRA, PARTIAL DIFFEREN TIAL EQUATIONS
GENERALIZED EIGENVECTORS AND SEPARATION OF VARIABLES.
AD-629 085 12A T 66 08

MATRIX ALGEBRA, STOCHASTIC PROCESSES
DIAGONAL PRODUCTS IN DOUBLY STOCHASTIC MATRICES.
AD-629 597 12A T 66 08

MATRIX ALGEBRA, THEORY
TRIANGULAR FACTORS OF MODIFIED MATRICES.
AD-629 530 12A T 66 08

A MATRIX EQUATION RELATED TO A NON-OSCIL- LATION CRITERION AND LIAPUNOV STABILITY.
AD-629 595 12A T 66 08

MEASONS, SCIENTIFIC RESEARCH
QUARTERLY STATUS REPORT ON THE MEDIUM-ENERGY PHYSICS PROGRAM FOR PERIOD ENDING SEPTEMBER 30, 1965.
LA-3419 20G U 41 07 HC$ 3.00 MF$ 0.50

MEASURE THEORY, ALGEBRAIC TOPOLOGY
THE SHILOV BOUNDARY OF THE ALGEBRA OF MEASURES ON A GROUP.
AD-628 094 12A T 66 07

MEASURE THEORY, ALGEBRAS
THE STRUCTURE OF CONVOLUTION MEASURE ALGEBRAS.
AD-628 103 12A T 66 07

MEASURE THEORY, MAPPING(TRANSFORMA TIONS)
ON THE LIFTING PROPERTY AND DISINTEGRATION OF MEASURES.
AD-628 620 12A T 66 07

MEASURE THEORY, PROBABILITY
ERGODIC DECOMPOSITIONS INDUCED BY CERTAIN MARKOV OPERATORS.
AD-628 439 12A T 66 07

MEASUREMENT, USSR
MEASURING DEVICES.
AD-628 310 14B T 66 07 HC$59.10 MF$ 2.50

MEASURING DEVICES(ELECTRICAL + ELECTRONIC), GEOPHYSICS
THE DEVELOPMENT OF AN ELECTRIC FIELD METER TO MEASURE SMALL VARIATIONS IN THE EARTH'S FIELD.
AD-628 369 14B T 66 07 HC$ 3.00 MF$ 0.50

MEAT, NUTRITION
A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

MECHANICAL WAVES, MICROWAVE FREQUENCY
SELECTED STUDIES IN MICROWAVE ACOUSTICS.
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50

MECHANICAL WAVES, PROPAGATION
SHEAR WAVE PROPAGATION IN BIREFRINGENT VISCOELASTIC LIQUIDS OF LOW RIGIDITY AND LOW VISCOSITY.
AD-629 179 20K T 66 08 HC$ 2.00 MF$ 0.50

MECHANICAL WAVES, THEORY
RESUME OF THE THEORY OF PLANE SHOCK AND ADIABATIC WAVES WITH APPLICATIONS TO THE THEORY OF THE SHOCK TUBE.
AD-629 328 19D T 66 08 HC$ 6.60 MF$ 0.75

MEDICAL EXAMINATION, RELIABILITY
THE RELIABILITY OF SELF-DETERMINATION OF PULSE RATES.
AD-467 959 6P U 41 07 HC$ 1.00 MF$ 0.50

MEDICAL PERSONNEL, JOB ANALYSIS
PRINCIPLES AND TECHNIQUES IN ARMY MENTAL HYGIENE CONSULTATION.
AD-628 735 6E T 66 07 HC$ 1.00 MF$ 0.50

MEDICAL PERSONNEL, PSYCHIATRY
THE NAVAL MEDICAL OFFICER AS A PSYCHIATRIC PATIENT.
AD-628 756 6E T 66 07

MEDICAL PERSONNEL, USSR
ORGANIZATION OF LABOR OF MEDICAL PERSONNEL.
AD-629 164 5I T 66 08 HC$ 8.60 MF$ 0.75

MEDICAL RESEARCH, NAVY
1965 RESEARCH CLERKSHIP REPORTS.
AD-628 384 6E T 66 07 HC$ 5.60 MF$ 0.50

MEDICAL RESEARCH, VIRUSES
SEMIANNUAL CONTRACT PROGRESS REPORT TO THE NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, MARCH 1-SEPTEMBER 15, 1965.
ORNL-3883 6M U 41 07 HC$ 2.00 MF$ 0.50

MEDITERRANEAN SEA ISLANDS, COMMERCE
MALTA.
PB-169 292 5C U 41 07 HC$ 2.00 MF$ 0.50

MELTING, CONVECTION(HEAT TRANSFER)
A THEORETICAL INVESTIGATION ON THE EFFECT OF MELTING ON FORCED CONVECTION HEAT TRANSFER.
AD-629 066 20M T 66 08 HC$ 1.60 MF$ 0.50

MELTING, PRESSURE
THE EFFECT OF PRESSURE ON MELTING.
AD-628 975 7D T 66 08 HC$ 1.00 MF$ 0.50

MEMBRANES, ANALYSIS
MEMBRANE ANALYSIS OF PRESSURIZED THIN SPHEROID SHELLS COMPOSED OF FLAT GORES, AND ITS APPLICATION TO ECHO II.
N65-35950 20K U 41 07 HC$ 1.00 MF$ 0.50

MEMBRANES, LOADING(MECHANICS)
ANALYSE MATHEMATIQUE. EVALUATION PAR DEFAUT DE TOUTES LES FREQUENCES PROPRES D'UNE MEMBRANE A L'AIDE DE COUPURES CHARGEES (SOLUTION BY PERTURBATION OF ALL THE MAIN FREQUENCIES OF A MEMBRANE BY THE METHOD OF LOADED SECTIONS).
AD-629 373 20K T 66 08

MEMORY, PSYCHOMETRICS
NOTE ON INDIVIDUAL STORAGE LOADS AND INDIVIDUAL LOAD REDUCTIONS.
AD-629 697 5J T 66 08

MEMORY, TRAINING
REVIEW OF MNEMONICS AND MNEMONOTECHNICS FOR IMPROVED MEMORY.
AD-629 594 5J T 66 08 HC$ 2.00 MF$ 0.50

MENTAL DISORDERS, DIAGNOSIS
THE AUDITORY EVOKED RESPONSE AS A DIAGNOSTIC AND PROGNOSTIC MEASURE IN SCHIZOPHRENIA.
AD-628 371 6E T 66 07

MENTAL DISORDERS, SOCIAL PSYCHOLOGY
CROSSCULTURAL DEFINITIONS FOR EPIDEMIOLOGICAL STUDIES IN MENTAL HEALTH.
AD-629 016 5J T 66 08 HC$ 1.60 MF$ 0.50

MERCURY COMPOUNDS, THIOLS
STRUCTURES OF MERCURY MERCAPTIDES. PART II. X-RAY STRUCTURAL ANALYSIS OF MERCURY ETHYLMERCAPTIDE.
AD-628 569 20B T 66 07

MERCURY(PLANET), ROTATION
A RADAR DETERMINATION OF THE ROTATION OF THE PLANET MERCURY.
AD-629 334 3C T 66 08

MERCURY, ELECTRICAL RESISTANCE
FLOWING GAS DISCHARGES IN POTASSIUM AND MERCURY.
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50

MESON REACTIONS, THEORY
ABSORPTIVE CORRECTIONS AND FORM FACTORS IN THE PERIPHERAL MODEL.
AD-629 020 20H T 66 08

METABOLISM DISORDERS, EYE
AMYLOIDOSIS OF THE EYELID AND CONJUNTIVA.
AD-628 479 6E T 66 07

METABOLISM, RADIATION EFFECTS
A PERSISTENT METABOLIC EFFECT OF X RAYS OR NEUTRONS.
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50

USAF RADIATION LABORATORY QUARTERLY PROGRESS REPORT NO. 58.
AD-629 311 6R T 66 08 HC$ 2.00 MF$ 0.50

METABOLISM, SCINTILLATION COUNTERS
COMPUTER REDUCTION OF METABOLIC DATA OBTAINED FROM

SCINTILLATION COUNTERS,
LA-3298 9B U 41 07 HC$ 2.00 MF$ 0.50

METAL CARBONYLS, ORGANIC SULFUR COM POUNDS
ABSOLUTE INFRARED INTENSITIES OF THE FUNDAMENTAL ABSORPTION BANDS IN SOLID CARBONYL SULFIDE,
AD-629 464 7D T 66 08

METAL COATINGS, ELECTRODEPOSITION
EFFECTS OF ELECTRODEPOSITED COATINGS ON THE DEFORMATION OF COPPER CRYSTALS,
COO-1198-161 11F U 41 07 HC$ 2.00 MF$ 0.50

METAL COATINGS, WAVEGUIDE WINDOWS
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-427 695 9A U 41 07 HC$ 3.00

AD-437 141 9A U 41 07 HC$ 3.00

METAL FILMS, ELECTRIC CONNECTORS
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 225 9A T 66 07 HC$23.80 MF$ 1.25

AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

METAL PLATES, STABILITY
STABILITY OF ELASTIC SYSTEMS,
AD-628 508 20K T 66 07 HC$13.95 MF$ 4.00

METAL PLATES, STRESSES
STRESS ANALYSIS OF REINFORCED CIRCULAR AND RECTANGULAR FLAT PLATES,
ANL-7089 20K U 41 08 HC$ 2.00 MF$ 0.50

METAL PLATES, WELDING
A STUDY ON RESIDUAL STRESSES GENERATED BY THE UPWARD VERTICAL WELDING PROCESS.
EURAEC-1097 13H U 41 07 HC$ 4.00 MF$ 0.75

METAL POISONING, BRAIN
MORPHOLOGY AND MORPHOGENESIS OF LEAD ENCEPHALOPATHY,
AD-629 314 6T T 66 08

METALLIC CRYSTALS, FAILURE(MECHANICS)
AN EXPERIMENTAL INVESTIGATION OF THE PORTEVIN-LE CHATELIER EFFECT IN DEAD ANNEALED COMMERCIAL PURITY ALUMINUM.
AD-629 500 11F T 66 08 HC$ 5.00 MF$ 0.75

METALLOGRAPHY, ORDNANCE STEEL
METALLOGRAPHIC METHODS ETCHING FOR BAINITIC FINE CARBIDES. A METALLOGRAPHIC METHOD FOR REVEALING THE FINE CARBIDES IN BAINITE FORMED DURING CONTINUOUS COOLING IN A NICKEL-CHROMIUM-MOLYBDENUM COMPOSITION,
AD-629 644 11F T 66 08 HC$ 3.60 MF$ 0.50

METALLOGRAPHY, PLUTONIUM
A METALLOGRAPHIC HOT-STAGE FOR PLUTONIUM,
RFP-548 18D U 41 07 HC$ 1.00 MF$ 0.50

METALLURGY, RADIATION DAMAGE
RADIATION METALLURGY SECTION, SOLID STATE DIVISION PROGRESS REPORT FOR PERIOD ENDING AUGUST 1965.
ORNL-3878 18J U 41 08 HC$ 3.00 MF$ 0.75

METALLURGY, SOLID SOLUTIONS
THERMODYNAMIC PROPERTIES OF SOLID SOLUTIONS AT HIGH TEMPERATURES.
TID-21569 11F U 41 08 HC$ 1.00 MF$ 0.50

METALORGANIC COMPOUNDS, CRYSTAL STRUCTURE
STRUCTURES OF MERCURY MERCAPTIDES. PART II. X-RAY STRUCTURAL ANALYSIS OF MERCURY ETHYLMERCAPTIDE.
AD-628 569 20B T 66 07

METALORGANIC COMPOUNDS, HYDROGENATION
PROTONATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES. A NEW SYNTHESIS OF NITRILES,
AD-629 112 7C T 66 08

METALORGANIC COMPOUNDS, POLYMERIZATION
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

METALORGANIC COMPOUNDS, SYNTHESIS (CHEMISTRY)
PREPARATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES,
AD-629 122 7C T 66 08

METALORGANIC COMPOUNDS, TIN COMPOUNDS
ORGANOMETALLIC COMPOUNDS. V. KINETICS OF PHENYLTIN CLEAVAGE BY A CHELATING AGENT.
AD-628 652 7C T 66 07

METALS, ATOMIC STRUCTURE
ETUDE DE L'INTERACTION DE PAIRE DANS QUELQUES METAUX NORMAUX (A CALCULATION OF THE PAIR-INTERACTION FUNCTION IN SOME NORMAL METALS.)
Pb-169 231 7D U 41 08 HC$ 3.00 MF$ 0.75

METALS, BONDING
THERMOELECTRIC BONDING STUDY.
N66-10774 9C U 41 08 HC$ 2.00 MF$ 0.50

METALS, CREEP
INTEGRAL REPRESENTATION OF CREEP AND RATE SENSITIVITY IN METALS.
AD-460 373 20K U 41 08 HC$ 3.60

PLASTIC BEHAVIOR OF METALS AT CRYOGENIC TEMPERATURES.
AD-628 491 20K T 66 07 HC$ 2.00 MF$ 0.50

METALS, CRYSTAL STRUCTURE
DEFECTS IN CRYSTALS.
NYO-2811-23 20B U 41 07 HC$ 3.00 MF$ 0.75

METALS, FRACTURE(MECHANICS)
STUDY OF THE MECHANISM OF ATMOSPHERIC INTERACTION WITH THE FATIGUE OF METALS.
N66-11747 11F U 41 08 HC$ 3.00 MF$ 0.75

METALS, IMPACT SHOCK
THE EXISTENCE AND IMPLICATIONS OF CURVATURE IN THE RELATION BETWEEN SHOCK AND PARTICLE VELOCITIES FOR METALS,
AD-629 428 20K T 66 08 HC$ 2.60 MF$ 0.50

METALS, NUCLEAR CROSS SECTIONS
ELECTRON COLLISION CROSS SECTIONS IN METAL VAPORS.
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50

METALS, POLARIZATION
CONDUCTION-ELECTRON POLARIZATION IN METALS,
AD-628 189 20C T 66 07

METALS, PURIFICATION
RADIOCHEMICAL PURIFICATION PROCEDURES FOR THE ELEMENTS,
UCRL-14258 7B U 41 08 HC$ 4.00 MF$ 1.00

METALS, STRESSES
ON TIME-INDEPENDENT PLASTICITY AND METALS UNDER COMBINED STRESS AT ELEVATED TEMPERATURE.
AD-628 856 20K T 66 07 HC$ 2.60 MF$ 0.50

METALS, ULTRASONIC RADIATION
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 4. INTERNAL FRICTION AND CRYSTAL PLASTICITY IN INTENSE ULTRASONIC FIELDS.
AD-462 609 11F U 41 07 HC$ 1.00

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 5. DISCUSSION.
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50

METALS, VACUUM
EFFECT OF VACUUM ON THE MECHANICAL BEHAVIOR OF METALS.
AD-628 794 11F T 66 07 HC$ 1.00 MF$ 0.50

METALS, X-RAY SPECTRUM
SOFT X-RAY EMISSION SPECTRURY F METALS,
AD-629 149 7D T 66 08

METAL-FORMING PRESSES, OPERATION
METAL-FORMING TECHNIQUES,
N65-33365 13H U 41 07 MF$ 0.50

METAMATHEMATICS, CONTEXT FREE GRAMMARS
THE UNSOLVABILITY OF THE RECOGNITION OF LINEAR CONTEXT-FREE LANGUAGES.
AD-628 202 5G T 66 07 HC$ 1.00 MF$ 0.50

METEOR OLOGY, USSR
LENINGRAD. MAIN GEOPHYSICAL OBSERVATORY. TRANSACTIONS.
AD-628 789 4B T 66 07 HC$19.70 MF$ 1.25

METEORITES, CHEMICAL ANALYSIS
XENON AND KRYPTON IN THE BRUDERHEIM METEORITE,
AD-628 594 8G T 66 07

METEORITES, MINERALS
MERRIHUEITE, A NEW ALKALI-FERROMAGNESIAN SILICATE FROM THE MEZO-MADARAS CHONDRITE,
AD-628 913 8G T 66 08

METEORITES, PENETRATION
INFLUENCE OF THE BUMPER AND MAIN WALL MATERIAL ON THE EFFECTIVENESS OF SINGLE METEOROID BUMPERS.
N66-10604 22B U 41 07 HC$ 2.00 MF$ 0.50

PEGASUS SATELLITE MEASUREMENTS OF METEOROID PENETRATION (FEB. 16 - JULY 20, 1965).
N66-13238 22B U 41 07 HC$ 1.00 MF$ 0.50

METEORO LOGICAL SATELLITES, SIGNALS
IONOSPHERIC RESEARCH USING SATELLITES.
AD-628 802 22B T 66 07 HC$ 1.10 MF$ 0.50

METEOROLOGICAL INSTRUMENTS, USSR
MAIN GEOPHYSICAL OBSERVATORY (SELECTED ARTICLES),
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50

METEOROLOGICAL RADAR, RAINFALL
THE MAXIMUM RANGE OF RADAR DETECTION OF SHOWERS.
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50

METEOROLOGICAL RADAR, THUNDERSTORMS
SPECIAL FEATURES OF THE RADAR CHARACTERISTICS OF THUNDERSTORM CLOUDS.
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50

METHODS FOR IDENTIFYING SEVERE THUNDERSTORMS BY RADAR: A GUIDE AND BIBLIOGRAPHY.
AD-629 118 4B T 66 08

METEOROLOGICAL SATELLITES, INFRARED EQUIPMENT
NIMBUS HRIR EQUIPMENT DIAGNOSTIC TEST PROGRAM,
N66-10688 9B U 41 08 HC$ 2.00 MF$ 0.50

ON THE USE OF INTERMEDIATE INFRARED AND MICROWAVE INFRARED IN WEATHER SATELLITES.
N66-12983 4B U 41 08 HC$ 3.00 MF$ 0.50

METEOROLOGICAL SATELLITES, INFRARED SCANNING
EVALUATION OF INFRARED EMISSION OF CLOUDS AND GROUND AS MEASURED BY WEATHER SATELLITES.
AD-629 081 4A T 66 08 HC$ 4.00 MF$ 0.75

METEOROLOGICAL SATELLITES, OPTICAL EQUIPMENT
THE METEOROLOGICAL INSTRUMENTATION OF SATELLITES.
N66-11227 22B U 41 08 HC$ 3.00 MF$ 0.75

METEOROLOGICAL SATELLITES, WEATHER FORECASTING
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

METEOROLOGY, ATMOSPHERE MODELS
SEASONAL MODELS OF AIR DENSITY, TEMPERATURE AND WIND BETWEEN SURFACE AND 25 KM FOR FOUR GEOGRAPHIC ZONES.
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50

METEOROLOGY, TEXTBOOKS
THE RADIATION ENVIRONMENT.
AD-465 928 4A U 41 08 HC$ 4.00 MF$ 0.75

METEOROLOGY, NORWAY
STATISTICAL-DYNAMICAL METEOROLOGICAL PREDICTIONS.
AD-628 620 4B T 66 07 HC$17.80 MF$ 1.00

METEOROLOGY, SCIENTIFIC RESEARCH
TECHNICAL NOTE NO. 32.
AD-628 598 4B T 66 07

METEOROLOGY, SYMPOSIA
TRANSACTIONS OF THE ALL-UNION SCIENTIFIC METEOROLOGICAL CONFERENCE (SELECTED ARTICLES).
AD-628 302 4B T 66 07 HC$14.70 MF$ 1.00

METEOROLOGY, TABLES
TABLES FOR CALCULATING THE VOIGT PROFILE.
N66-10685 23A U 41 08 HC$ 4.00 MF$ 1.00

METEORS, WIND
METEOR WINDS MEASURED AT ADELAIDE 35 DEGS 1961.
N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00

METEROLOGICAL SATELLITES, PERFORMANCE(ENGINEERING)
OBSERVATIONS FROM THE NIMBUS I METEROLOGICAL SATELLITE.
N66-12130 4B U 41 08 HC$ 1.00 MF$ 0.75

METERS, QUALITY CONTROL
MODERN GAGE CONTROL.
BDX-613-39 14B U 41 08 HC$ 2.00 MF$ 0.50

METERS, USSR
MEASURING DEVICES.
AD-628 310 14B T 66 07 HC$59.10 MF$ 2.50

METHANE, METABOLISM
MICROBIAL GROWTH ON C-1 COMPONENTS. SYNTHESIS OF CELL CONSTITUENTS BY METHANEAND METHANOL-GROWN PSEUDOMONAS METHANICA.
AD-628 391 6M T 66 07

METHANE, OPTICAL PROPERTIES
REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE.
AD-629 252 7D T 66 08

METHANOLS, METABOLISM
MICRURIAL GROWTH ON C-1 COMPONENTS. SYNTHESIS OF CELL CONSTITUENTS BY METHANEAND METHANOL-GROWN PSEUDOMONAS METHANICA.
AD-628 391 6M T 66 07

METHYL HYDRAZINES, TOXICITY
THE EFFECT OF INJECTED MONOMETHYLHYDRAZINE ON PRIMATE PERFORMANCE.
AD-628 048 6T T 66 07 HC$ 1.00 MF$ 0.50

MICE, LABORATORY ANIMALS
SUSCEPTIBILITY OF PEROMYSCUS CALIFORNICUS CALIFORNICUS TO INFECTION WITH LEISHMANIA DONOVANI.
AD-628 153 6M T 66 07

MICE, SPACE BIOLOGY
INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY.
N66-12200 6R U 41 08 HC$ 1.00 MF$ 0.50

MICRO WAVES, RADIOMETERS
MICROWAVE RADIOMETRY AND THE NOLC X-BAND RADIOMETER PROGRAM.
AD-629 722 17I T 66 08 HC$ 2.00 MF$ 0.50

MICROMETEOROLOGY, ATMOSPHERIC MOTION
NON-STATIONARY TURBULENT REGIME IN THE SURFACE LAYER OF THE ATMOSPHERE.
AD-628 972 4B T 66 08 HC$ 1.00 MF$ 0.50

THE STRUCTURE OF THE WIND-VELOCITY AND TEMPERATURE FIELDS IN THE ATMOSPHERIC SURFACE BOUNDARY LAYER.
AD-628 973 4B T 66 08 HC$ 2.00 MF$ 0.50

MICROMINIA TURIZATION(ELECTRONICS), RADAR EQUIPMENT
MICROMINIATURIZED MTI GROUP AN/GPA (XW-2).
AD-629 601 17I T 66 08 HC$ 3.00 MF$ 0.75

MICROMINIATURIZATION(ELECTRONICS), CIRCUITS
HIGH PERFORMANCE THIN FILMS FOR MICROCIRCUITS (CAPACITORS).
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), CRYSTALS
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XW-47) /U PRODUCTION ENGINEERING MEASURE.
AD-628 337 9A T 66 07 HC$ 2.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), DISPLAY SYSTEMS
MICROELECTRONIC SOLID-STATE DISPLAY ASSEMBLY.
AD-629 596 9E T 66 08 HC$ 2.60 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), ELECTRIC CONNECTORS
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

MICROMINIATURIZATION(ELECTRONICS), FILMS
REFINEMENT OF NAFI THIN FILM PRODUCTION TECHNIQUES.
AD-629 274 9A T 66 08 HC$ 2.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), PHOTOENGRAVING
MICROCIRCUIT PHOTOMASKS FROM AUTOMATIC TECHNIQUES.
AD-629 513 14E T 66 08

MICROMINIATURIZATION(ELECTRONICS), SPACE COMMUNICATION SYSTEMS
MICROELECTRONICS IN SPACE RESEARCH.
N66-10414 9C U 41 07 HC$ 1.00 MF$ 0.60

MICROORGANISMS, CONTAMINATION
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

MICROSEISMS, EARTH
EARTH NOISE, 5 TO 500 MILLICYCLES PER SECOND. 2. REACTION OF THE EARTH TO OCEANS AND ATMOSPHERE.
AD-628 829 8K T 66 07

MICROSEISMS, MATHEMATICAL ANALYSIS
STUDY OF SHORT-PERIOD SEISMIC NOISE.
AD-628 883 8K T 66 07 HC$ 6.60 MF$ 0.75

MICROWAVE AMPLIFIERS, X-BAND
A LOW-NOISE, MULTIPLE-FUNCTION, X-BAND TRAVELING-WAVE TUBE.
AD-628 353 9A T 66 07 HC$ 2.00 MF$ 0.50

MICROWAVE COMMUNICATION SYSTEMS, LIGHT COMMUNICATION SYSTEMS
MICROWAVE OPTICAL RECEIVER TECHNIQUES.
AD-629 242 17B T 66 08 HC$ 2.00 MF$ 0.50

MICROWAVE EQUIPMENT, DISTANCE MEASURING EQUIPMENT
COMPARISON TESTS OF ELECTRO-OPTICAL AND MICROWAVE DISTANCE MEASURING INSTRUMENTS.
PB-169 333 14B U 41 08 HC$ 2.60 MF$ 0.50

MICROWAVE EQUIPMENT, DUPLEXERS (ELECTRONICS)
INVESTIGATION OF HIGH POWER GASEOUS ELECTRONICS.
AD-629 537 20I T 66 08 HC$ 3.00 MF$ 0.75

MICROWAVE EQUIPMENT, METEOROLOGICAL SATELLITES
ON THE USE OF INTERMEDIATE INFRARED AND MICROWAVE INFRARED IN WEATHER SATELLITES.
N66-12983 4B U 41 08 HC$ 3.00 MF$ 0.50

MICROWAVE EQUIPMENT, SAFETY DEVICES
THE 'HOUR-GLASS' ENERGY DIVERTER.
AD-629 571 9A T 66 08 HC$ 2.00 MF$ 0.50

MICROWAVE EQUIPMENT, SCIENTIFIC RESEARCH
A SUMMARY OF CURRENT RESEARCH IN THE MICROWAVE RESEARCH INSTITUTE PROGRAMS.
AD-467 353 9C U 41 08 HC$ 5.00 MF$ 1.00

MICROWAVE FREQUENCY, SCIENTIFIC RESEARCH
MICROWAVE RESEARCH.
AD-628 941 20E T 66 08 HC$ 1.60 MF$ 0.50

MICROWAVE OSCILLATORS, X BAND
C.W. X-BAND VOLTAGE TUNABLE OSCILLATOR.
AD-628 093 9A T 66 07 HC$ 3.00 MF$ 0.75

MICROWAVE SPECTROSCOPY, AMMONIA
LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

MICROWAVE SPECTROSCOPY, SILANES
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE.
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

MICROWAVES, ELECTRICAL IMPEDANCE
MICROWAVE IMPEDANCE MEASUREMENTS AND STANDARDS.
C13.44-82 9C U 41 08 MF$ 0.50

MICROWAVES, IONIZATION POTENTIALS
THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART I. PLANE DISTRIBUTIONS.
AD-294 474 20I U 41 08 HC$ 1.00

THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART II. CYLINDRICAL DISTRIBUTIONS.
AD-294 866 20I U 41 08 HC$ 3.00

MICROWAVES, PRODUCTION
INVESTIGATION OF ELECTRONIC INTERACTION WITH OPTICAL RESONATORS FOR MICROWAVE GENERATION AND AMPLIFICATION.
AD-629 153 20F T 66 08 HC$ 1.00 MF$ 0.50

MICROWAVES, PROPAGATION
RADIO REFRACTION BY THE MARINE LAYER AND ITS EFFECT ON MICROWAVE PROPAGATION.
AD-451 653 20N U 41 07 HC$ 1.00

MICROWAVES, WAVEGUIDE WINDOWS
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.

AD-401 050 9A U 41 07 HC$ 2.00

MIDDLE EAST, COMMERCE
UNITED ARAB REPUBLIC.
PB-169 289 5C U 41 07 HC$ 4.00 MF$ 0.75

MILITARY ENGINEERING, NUCLEAR WARFARE
RED STAR SERIES ON ATOMIC WEAPONS AND ANTIATOMIC DEFENSE. PART V. ENGINEERING PREPARATION OF THE TERRAIN.
AD-628 726 15F T 66 07 HC$ 1.10 MF$ 0.50

MILITARY INTELLIGENCE, SYSTEMS ENGINEERING
A CONCEPT FOR MODELING AND EVALUATING INFORMATION-PRODUCING SYSTEMS.
AD-628 495 15D T 66 07 HC$ 2.00 MF$ 0.50

MILITARY MEDICINE, AIR FORCE
ANNUAL REPORT OF THE USAF MEDICAL SERVICE (11TH), 1 JULY 1963-30 JUNE 1964.
AD-629 355 6E T 66 08 HC$ 5.00 MF$ 1.00

MILITARY MEDICINE, IMMUNOLOGY
1965 RESEARCH CLERKSHIP REPORTS.
AD-628 384 6E T 66 07 HC$ 5.60 MF$ 0.50

MILITARY ORGANIZATIONS, PSYCHIATRY
THE INFLUENCE OF ORGANIZATIONAL FACTORS UPON PSYCHIATRIC CARE IN THE UNITED STATES ARMY.
AD-629 017 6E T 66 08 HC$ 7.60 MF$ 0.75

MILITARY PERSONNEL, PERFORMANCE (HUMAN)
TROOP PERFORMANCE IN HIGH ALTITUDES.
AD-629 330 6S T 66 08

MILITARY PERSONNEL, PERFORMANCE(HUMAN)
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

MILITARY PSYCHOLOGY, GROUP DYNAMICS
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

MILITARY RATIONS, ARCTIC REGIONS
AMELIORATIVE MEASURES IN FASTING, SUBARCTIC SURVIVAL SITUATIONS.
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50

A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

MILITARY TRAINING, ELECTRONICS
A STUDY OF MATHEMATICAL SKILLS REQUIREMENTS FOR BASIC ELECTRONICS IN THE U. S. ARMY AIR DEFENSE SCHOOL.
AD-628 701 5I T 66 07 HC$ 2.00 MF$ 0.50

MILITARY TRAINING, JOB ANALYSIS
ORDNANCE NIKE DETACHMENT ELECTRONICS MAINTENANCE PERSONNEL. ANALYSIS OF ACTIVITIES WITH IMPLICATIONS FOR TRAINING, MAY 1957.
AD-628 165 5I T 66 07 HC$ 7.60 MF$ 0.75

MILITARY TRAINING, TACTICAL WARFARE
DEVELOPMENT OF IMPROVED RIFLE SQUAD TACTICAL AND PATROLLING PROGRAMS FOR THE LIGHT WEAPONS INFANTRYMAN.
AD-628 667 15G T 66 07 HC$12.60 MF$ 0.75

MILITARY TRAINING, TRAINING DEVICES
PERFORMANCE AIDS FOR JUNIOR OFFICERS.
AD-629 304 5I T 66 08 HC$ 2.60 MF$ 0.50

MILK FAT, PROCESSING
CONCERNING CREAM-FORMING CAPACITY OF BUTTER.
AD-628 422 6H T 66 07 HC$ 1.00 MF$ 0.50

MILLIMETER WAVES, ALTIMETERS
RADIO FREQUENCY SYSTEMS. MILLIMETER WAVES STUDY.
N66-10618 9F U 41 08 HC$ 2.00 MF$ 0.50

MINE CLEARANCE, NAVAL MINES
A MINE SWEEPER COMPUTER SIMULATION.
AD-629 351 15G T 66 08 HC$ 5.60 MF$ 0.75

MINERALS, CRYSTAL STRUCTURE
STUDY OF POLYTYPIC PHASE RELATIONS AMONG COMPLEX INORGANIC STRUCTURES.
AD-629 438 8G T 66 08 HC$ 1.60 MF$ 0.50

MINERALS, DEPOSITION
THE SOLUBILITY OF CALCITE IN AQUEOUS SOLUTIONS. I. THE SOLUBILITY OF CALCITE IN WATER BETWEEN 75 DEGREES AND 200 DEGREES AT CO2 PRESSURES UP TO 60 ATM.
PB-169 138 8D U 41 07 HC$ 3.00 MF$ 0.50

MINERALS, HIGH-PRESSURE RESEARCH
INVESTIGATION OF THIN SAMPLES OF MINERAL ROCK UNDER CONDITIONS OF SHEAR DUE TO TORSION AND UNIDIRECTIONAL STRESS.
AD-629 046 8G T 66 08 HC$ 1.00 MF$ 0.50

MINERALS, METEORITES
MERRIHUEITE, A NEW ALKALI-FERROMAGNESIAN SILICATE FROM THE MEZO-MADARAS CHONDRITE.
AD-628 913 8G T 66 08

MINERALS, SELECTION RULES
REGLES DE SELECTION POUR LA DIFFUSION RAMAN ET L'ABSORPTION INFRAROUGE DANS LA WURTZITE.
AD-629 702 20L T 66 08

MINING ENGINEERING, NUCLEAR EXPLOSIONS
NUCLEAR MINING FEASIBILITY STUDY.
UCRL-13104 18C U 41 07 HC$ 3.00 MF$ 0.75

MIXERS(ELECTRONIC), DIODES
STUDY OF RECEIVER MIXER CHARACTERISTICS.
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50

MOBILITY, ENVIRONMENTAL TESTS
CHARACTERISTICS OF U. S. RICE FIELDS AND THEIR EFFECTS ON GROUND MOBILITY.
AD-628 734 8H T 66 07 MF$ 1.00

MODEL TESTS, ANTIFOULING COATINGS
RAPID METHODS OF TESTING ANTIFOULING PAINTS FOR OCEAN-GOING SHIPS.
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50

MODEL TESTS, INFLATABLE STRUCTURES
INFLATABLE STRUCTURE TEST PROGRAM.
AD-628 050 13M T 66 07 HC$ 2.00 MF$ 0.50

MODEL TESTS, PARAWINGS
LOW-SPEED FORCE AND FLIGHT INVESTIGATION OF VARIOUS METHODS FOR CONTROLLING PARAWINGS.
N66-12151 1C U 41 07 HC$ 2.00 MF$ 0.50

MODEL TESTS, TEST METHODS
TESTING SHIP MODELS IN TRANSIENT WAVES.
AD-628 440 13J T 66 07 HC$ 4.60 MF$ 0.50

MODEL THEORY, COLOR VISION
A THEORETICAL MODEL FOR COLOR VISION.
AD-628 873 6D T 66 07 HC$ 6.00 MF$ 1.25

MODEL THEORY, RADIO RELAY SYSTEMS
COMPUTER STUDY OF A DIVERSITY AUGMENTED, VEHICULAR, RADIO COMMUNICATION SYSTEM IN A MANMADE NOISE ENVIRONMENT.
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50

MODELS(SIMULATIONS), FIRES
THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

MODULATION, CONTROL SYSTEMS
DELTA MODULATION IN FEEDBACK CONTROL SYSTEMS.
AD-629 664 9C T 66 08

MODULATORS, MISALIGNMENT
OPTICAL MISALIGNMENT DUE TO TEMPERATURE GRADIENTS IN ELECTROOPTIC MODULATOR CRYSTALS.
AD-628 607 20E T 66 07

MODULES(ELECTRONIC), ENCAPSULATION
STRESS ANALYSIS OF ENCAPSULATION MATERIALS FOR WELDED MODULES.
AD-628 833 9E T 66 07 HC$ 3.00 MF$ 0.75

MOLDING MATERIALS, THERMAL STABILITY
AN INVESTIGATION OF THERMAL AND MECHANICAL STABILITY OF MOLD MATERIALS FOR STEEL CASTINGS.
AD-628 387 11F T 66 07 HC$ 4.60 MF$ 0.50

MOLECULAR ASSOCIATION, ANALYSIS
DETERMINATION OF INTERMOLECULAR FORCES.
AD-628 483 7D T 66 07

MOLECULAR ASSOCIATION, ENERGY
RELATIVISTIC INTERMOLECULAR FORCES.
N66-10959 20J U 41 08 HC$ 4.00 MF$ 0.75

MOLECULAR ASSOCIATION, POTENTIAL THEORY
DETERMINATION AND ASSESSMENT OF MORSE POTENTIAL FUNCTIONS FOR SOME NONPOLAR GASES.
AD-628 480 7D T 66 07

MOLECULAR ASSOCIATION, SOLIDIFIED GASES
SCHUMANN-RUNGE BANDS OF O2 IN SOLID PHASES: SPECTROSCOPIC MEASUREMENT OF INTERMOLECULAR POTENTIALS.
AD-628 720 7D T 66 07

MOLECULAR ASSOCIATION, WATER
THE MECHANISM OF PROTON TRANSPORT IN AQUEOUS SOLUTIONS.
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50

MOLECULAR BEAMS, CESIUM
ATOMIC BEAM DETERMINATION OF THE CESIUM-CESIUM TOTAL SCATTERING CROSS SECTION.
N66-13234 20G U 41 07 HC$ 2.00 MF$ 0.50

MOLECULAR BEAMS, POTENTIAL THEORY
STRUCTURE OF THE BOLTZMANN COLLISION OPERATOR.
AD-629 152 20D T 66 08

MOLECULAR BEAMS, SCATTERING
THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES.
AD-628 082 7D T 66 07 HC$ 1.00 MF$ 0.50

MOLECULAR ENERGY LEVELS, DIATOMIC MOLECULES
VALIDITY OF THE JARMAIN-SANDEMAN SERIES FOR CALCULATING POTENTIAL CURVES OF DIATOMIC MOLECULES.
AD-628 660 7D T 66 07

MOLECULAR ENERGY LEVELS, NAPHTHALENES
EXCITON STRUCTURE IN TWO TRIPLET STATES OF CRYSTALLINE NAPHTHALENE.
AD-628 722 7D T 66 07

MOLECULAR ORBITALS, CHEMICAL BONDS
RESONANCE ENERGY AND IONIC ATTRACTION IN HETEROMOLECULES.
AD-628 835 7D T 66 07 HC$ 1.10 MF$ 0.50

MOLECULAR ORBITALS, DIATOMIC MOLECULES
PICTORIAL STUDIES OF MOLECULES. I. MOLECULAR ORBITAL DENSITY COMPARISONS OF H 2, LI 2, B 2, C 2, N 2, O 2, AND F 2,
ANL-7076 20H U 41 08 HC$ 3.00 MF$ 0.75

MOLECULAR ORBITALS, HARTREE-FOCK APPROXIMATION
LOCALIZED SELF-CONSISTENT FIELD ORBITALS IN ATOMS AND MOLECULES,
IS-1107 20H U 41 07 HC$ 1.00 MF$ 0.50

MOLECULAR ORBITALS, LITHIUM COMPOUNDS
A STUDY OF THE VALENCE ELECTRON APPROXIMATION: APPLICATION TO LIH,
AD-628 261 7D T 66 07

MOLECULAR ORBITALS, MATHEMATICAL ANALYSIS
SEMIRIGOROUS LCAO-MO-SCF METHODS FOR THREE-DIMENSIONAL MOLECULAR CALCULATIONS INCLUDING ELECTRON REPULSION,
AD-629 397 7D T 66 08

MOLECULAR ORBITALS, ORGANIC COMPOUNDS
MOLECULAR ORBITAL THEORY IN ORGANIC CHEMISTRY,
AD-628 297 7C T 66 07 HC$ 1.60 MF$ 0.50

MOLECULAR ORBITALS, SET THEORY
SOLID-STATE AND MOLECULAR THEORY GROUP,
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

MOLECULAR PROPERTIES, ELECTRON DIFFRACTION ANALYSIS
STRUCTURES AND DYNAMICS OF MOLECULES BY ELECTRON DIFFRACTION,
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50

MOLECULAR PROPERTIES, REVIEWS
SOLID-STATE AND MOLECULAR THEORY GROUP,
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

MOLECULAR ROTATION, THIOCYANATES
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE,
AD-628 862 7D T 66 07

MOLECULAR SPECTROSCOPY, GASES
THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES,
AD-628 082 7D T 66 07 HC$ 1.00 MF$ 0.50

MOLECULAR SPECTROSCOPY, SPECTRUM ANALYZERS
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM,
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75

AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75

MOLECULAR SPECTROSCOPY, THIOCYANATES
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE,
AD-628 862 7D T 66 07

MOLECULAR SPECTROSCOPY, TRANSITION ELEMENTS
INVESTIGATION OF THE DYNAMIC PROPERTIES OF PHASE TRANSITIONS OF ORDERED MAGNETIC STATES,
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75

MOLECULAR STRUCTURE, CHEMICAL REACTIONS
ON THE CLAIM OF A BIMOLECULAR MECHANISM OF PROTOTROPY,
AD-629 640 7C T 66 08

MOLECULAR STRUCTURE, ELECTRON DIFFRACTION ANALYSIS
STRUCTURES AND DYNAMICS OF MOLECULES BY ELECTRON DIFFRACTION,
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50

MOLECULAR STRUCTURE, NITRILES
THE CRYSTAL AND MOLECULAR STRUCTURE OF 7,7,8,8-TETRACYANOQUINODIMETHANE,
AD-629 698 20B T 66 08

MOLECULAR STRUCTURE, POLYMERS
VISCOELASTIC BEHAVIOR OF POLYMERS AT LONG TIMES,
N66-11746 11I U 41 08 HC$ 1.00 MF$ 0.50

MOLECULAR STRUCTURE, PROTONS
BASE-CATALYZED INTRAMOLECULAR 1,3- AND 1,5-PROTON TRANSFERS,
AD-629 638 7C T 66 08

MOLECULAR STRUCTURE, SILANES
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE,
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

MOLECULAR WEIGHT, DETERMINATION
A SUBALGOL PROGRAM FOR CALCULATION OF MOLECULAR COMPOSITIONAL FORMULAS FROM MASS SPECTRAL DATA,
N66-11689 7D U 41 08 HC$ 1.00 MF$ 0.50

MOMENTUM, QUANTUM MECHANICS
SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS,
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

MOMENTUM, TABLES
TABLE OF SANIBEL (SPIN PROJECTION) COEFFICIENTS,
AD-628 834 20J T 66 07 HC$ 3.00 MF$ 0.75

MONEY, GAME THEORY
MEASURABLE, TRANSFERABLE, COMPARABLE UTILITY AND MONEY,
AD-628 785 5C T 66 07 HC$ 2.00 MF$ 0.50

MONKEYS, ARBOVIRUSES
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE,
AD-628 619 6E T 66 07

MONTE CARLO METHOD, UNCERTAINTY
ESTIMATING COST UNCERTAINTY USING MONTE CARLO TECHNIQUES,
AD-629 082 14A T 66 08 HC$ 3.00 MF$ 0.50

MOON, EXPLORATION
LUNAR SCIENTIFIC OPERATIONS,
N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50

MOON, ASTRONOMICAL DATA
SOME NEW DATA ABOUT THE INVISIBLE SIDE OF THE MOON,
AD-628 534 3A T 66 07 HC$ 1.00 MF$ 0.50

MOON, ASTRONOMICAL OBSERVATORIES
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL OBSERVATORY ON THE MOON,
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

MOON, CELESTIAL MECHANICS
COMPUTER SOLUTIONS OF THE FORCED PHYSICAL LIBRATIONS OF THE MOON,
AD-628 801 3C T 66 07

MOON, EPHEMERIDES
GENERATION OF THE LUNAR EPHEMERIS ON AN ELECTRONIC COMPUTER,
AD-629 047 3A T 66 08 HC$ 2.00 MF$ 0.50

MOON, EXPLORATION
PHYSICS OF THE MOON. SELECTED TOPICS CONCERNING LUNAR EXPLORATION,
N66-11251 3B U 41 07 HC$ 6.00 MF$ 1.50

MOON, LUMINESCENCE
THREE COLOUR PHOTOELECTRIC PHOTOMETRY OF THE MOON,
AD-628 557 3B T 66 07 HC$ 8.60 MF$ 0.75

MOON, RADAR REFLECTIONS
LUNAR RADAR REFLECTIONS,
AD-628 197 3B T 66 07 HC$ 1.60 MF$ 0.50

MOON, RADAR SCANNING
TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS,
AD-628 565 3B T 66 07

MOON, SOLAR ECLIPSES
EXPEDITION TO THAILAND FOR THE NOVEMBER 23, 1965 ANNULAR ECLIPSE,
AD-629 627 3B T 66 08 HC$ 2.00 MF$ 0.50

MOON, SPACE COMMUNICATION SYSTEMS
LUNAR COMMUNICATIONS,
N65-14540 17B U 41 07 HC$ 2.00 MF$ 0.50

MOON, TERRAIN
THE LUNAR CRATER DIONYSIUS,
AD-628 800 3A T 66 07

MOON, TERRAIN MODELS
LUNAR RELIEF MODELS,
AD-628 832 3B T 66 07 HC$ 2.00 MF$ 0.50

A GEOLOGICAL MODEL OF MARE HUMORUM,
AD-629 116 3A T 66 08

MOROCCO, COMMERCE
MOROCCO (KINGDOM OF),
PB-169 285 5C U 41 07 HC$ 3.00 MF$ 0.75

MOSSBAUER EFFECT, DYSPROSIUM
MOSSBAUER EFFECT IN DY161 IN METALLIC DYSPROSIUM, DYFE2, AND DYAL2,
AD-629 236 20H T 66 08

MOSSBAUER EFFECT, HIGH-PRESSURE RESEARCH
ADVANCES IN MOSSBAUER EFFECT METHODOLOGY HIGH PRESSURE TECHNIQUES,
COO-1198-255 20H U 41 07 HC$ 1.00 MF$ 0.50

MOSSBAUER EFFECT, IRON
INTERNAL CONVERSION IN FE57 FROM THE MOSSBAUER EFFECT IN IRON,
AD-628 824 20H T 66 07

MOSSBAUER EFFECT, SOLENOIDS
MOSSBAUER TECHNIQUES USING HIGH-FIELD WATER-COOLED SOLENOIDS,
AD-629 191 20C T 66 08

MOTION, STABILITY
INTRODUCTION TO THE TECHNICAL THEORY OF STABILITY OF MOTION,
AD-629 440 20K T 66 08 HC$23.60 MF$ 1.25

MOTIVATION, PERFORMANCE(HUMAN)
INTERACTION OF ABILITY AND MOTIVATION IN PERFORMANCE,
AD-628 244 5J T 66 07

MOTIVATION, VISUAL PERCEPTION
STIMULUS GENERALIZATION AS A FUNCTION OF DRIVE SHIFT,
AD-629 034 5J T 66 08

MOTOR REACTIONS, SPACE ENVIRONMENTAL CONDITIONS
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE,
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

MOUNTAINS, COLORADO
SEISMIC STUDY OF CRUSTAL STRUCTURE IN THE SOUTHERN ROCKY MOUNTAINS.

AD-628 163 86 T 66 07 HC$ 1.00 MF$ 0.50

MOVING TARGET INDICATORS, MICROMINIATURIZATION(ELECTRONICS)
MICROMINIATURIZED MTI GROUP AN/GPA (XW-2).
AD-629 601 17I T 66 08 HC$ 3.00 MF$ 0.75

MUCIN, INTEGUMENTARY DISEASES
CUTANEOUS FOCAL MUCINOSIS,
AD-629 340 6E T 66 08

MULTIPATH TRANSMISSION, SIMULATORS
MULTIPATH ENVIRONMENT SIMULATOR.
AD-628 871 20N T 66 07 HC$ 2.60 MF$ 0.50

MULTIPHASE FLOW, FLUID AMPLIFIERS
ANALYSIS AND TEST OF SIGNAL TRANSMISSION IN A MULTIPHASE FLUID MIXTURE.
AD-628 676 20D T 66 07 HC$ 2.00 MF$ 0.50

MULTIVARIATE ANALYSIS, DECISION THEORY
MULTIVARIATE-NORMAL CLASSIFICATION WITH COVARIANCES KNOWN.
AD-628 472 12A T 66 07

MULTIVARIATE ANALYSIS, DISTRIBUTION FUNCTIONS
SOME MULTIVARIATE DENSITY FUNCTIONS OF PRODUCTS OF GAUSSIAN VARIATES,
AD-628 721 12A T 66 07

MULTIVARIATE ANALYSIS, PSYCHOLOGY
NEW DEVELOPMENTS IN FACET DESIGN AND ANALYSIS,
AD-629 265 5J T 66 08

MUSCLES, EMBRYOS
ANALYSIS OF PRENATAL SPINAL REFLEX ACTIVITY IN SHEEP,
AD-629 561 6P T 66 08

MUSCLES, METABOLISM
RADIATION DAMAGE IN MUSCLE MEMBRANES AND REGULATION OF CELL METABOLISM.
AD-629 215 6R T 66 08 HC$ 3.00 MF$ 0.75

MUTATIONS, DROSOPHILA
MUTATION RATES AT SPECIFIC AUTOSOMAL LOCI IN DIFFERENT SPECIES OF DROSOPHILA.
TID-21601 6C U 41 08 HC$ 1.00 MF$ 0.50

MUTATIONS, PLANTS(BOTANY)
VALUE OF INDUCED MUTATIONS FOR QUANTITA- TIVE CHARACTERS IN PLANT BREEDING,
CONF 551-3 6C U 41 08 HC$ 1.00 MF$ 0.50

MYCOBACTERIUM TUBERCULOSIS, CHEMOTHERAPEUTIC AGENTS
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

MYCOBACTERIUM, INFECTIONS
MYCOBACTERIUM ULCERANS INFECTION (WITH COMMENTS ON PATHOGENESIS),
AD-629 344 6E T 66 08

NAPHTHALENES, MOLECULAR ENERGY LEVELS
EXCITON STRUCTURE IN TWO TRIPLET STATES OF CRYSTALLINE NAPHTHALENE,
AD-628 722 7D T 66 07

NATURAL RESOURCES, COAL
THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME I.
PB-169 315 5C U 41 07 HC$ 8.00 MF$ 2.25

THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME II. APPENDICES.
PB-169 316 5C U 41 07 HC$ 7.00 MF$ 1.75

NATURAL RADIOACTIVITY, BIBLIOGRAPHIES
NATURAL ENVIRONMENTAL RADIOACTIVITY. AN ANNOTATED BIBLIOGRAPHY,
WASH-1061 18H U 41 07 HC$ 4.00 MF$ 1.00

NAVAL MINE WARFARE, SIMULATION
A MINE SWEEPER COMPUTER SIMULATION.
AD-629 351 15G T 66 08 HC$ 5.60 MF$ 0.75

NAVAL PERSONNEL, ADJUSTMENT(PSYCHOLOGY)
PSYCHIATRIC RE-EXAMINATION OF UNSUITABLE NAVAL RECRUITS: A TWO-YEAR FOLLOW-UP,
AD-628 754 5I T 66 07

NAVAL PERSONNEL, RECRUITING
REENLISTMENT DIFFERENCES AMONG RECRUIT COMPANIES: A FIVE YEAR FOLLOW-UP.
AD-628 869 5I T 66 07 HC$ 1.60 MF$ 0.50

NAVAL PERSONNEL, SELECTION
VALIDITY OF PERSONALITY INVENTORIES IN THE NAVAL AVIATION SELECTION PROGRAM.
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50

AGE, YEARS OF SCHOOLING, AND INTELLIGENCE AS PREDICTORS OF MILITARY EFFECTIVENESS FOR NAVAL ENLISTEES.
AD-628 753 5I T 66 07 HC$ 2.00 MF$ 0.50

CAREER DEVELOPMENT FOR YEOMAN.
PB-169 011 5I U 41 08 HC$ 2.00 MF$ 0.50

NAVAL RESEARCH, REPORTS
REPORT OF NRL PROGRESS.
PB-168 622 14B U 41 07 HC$ 1.25 MF$ 0.50

REPORT ON NRL PROGRESS.
PB-168 986 14B U 41 07 HC$ 1.25 MF$ 0.50

PB-169 123 14B U 41 07 HC$ 1.25 MF$ 0.50

NAVAL TRAINING, EFFECTIVENESS
AGE, YEARS OF SCHOOLING, AND INTELLIGENCE AS PREDICTORS OF MILITARY EFFECTIVENESS FOR NAVAL ENLISTEES.
AD-628 753 5I T 66 07 HC$ 2.00 MF$ 0.50

NAVAL TRAINING, NAVAL PERSONNEL
CAREER DEVELOPMENT FOR YEOMAN.
PB-169 011 5I U 41 08 HC$ 2.00 MF$ 0.50

NAVIGATION, ERRORS
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

NAVIGATION, INSTRUMENTATION
THE SCHEDULE OF MEASUREMENTS FOR ANALYSIS OF AN ONBOARD NAVIGATION SYSTEM,
N66-10690 17G U 41 08 HC$ 2.00 MF$ 0.50

NAVIGATION, SATELLITES
DESIGN OF THE TRANSIT SATELLITE ELECTRONICS SYSTEM,
PB-169 244 9E U 41 07 HC$ 2.00 MF$ 0.50

NEBULAE, SPECTROSCOPY
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE. III. THE LOW-EXCITATION RING PLANETARY IC 418,
AD-628 456 4B T 66 07

SOME ASPECTS OF THE ABUNDANCE PROBLEM IN PLANETARY NEBULAE,
AD-628 457 4B T 66 07

SOME PROBLEMS OF PLANETARY NEBULAE,
AD-628 828 3B T 66 07

NECROSIS, ENZYMES
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE,
AD-628 263 6A T 66 07

NEISSERIA MENINGITIDIS, CULTURE MEDIA
THAYER-MARTIN SELECTIVE MEDIUM FOR THE CULTIVATION OF NEISSERIA MENINGITIDIS FROM THE NASOPHARYNX,
AD-628 126 6M T 66 07

NEODIUM COMPOUNDS, MAGNETIC PROPERTIES
STRUCTURE AND MAGNETIC PROPERTIES OF TRANSITION AND LANTHANIDE METAL COMPOUNDS: UNUSUAL OXIDATION STATES.
AD-628 523 7D T 66 07 HC$ 1.60 MF$ 0.50

NEODYMIUM, PHASE STUDIES
THE PHASE EQUILIBRIA AND CRYSTAL CHEMISTRY OF THE RARE EARTH GROUP VI SYSTEMS. III. NEODYMIUM-TELLURIUM,
AD-628 455 20L T 66 07

NEODYNIUM, LASERS
THERMAL OPTIC DISTORTION.
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50

NEON, POLARIZATION
METASTABLE TRIPLET-P2 RARE GAS POLARIZABILITIES,
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

NEON, RECOMBINATION REACTIONS
DISSOCIATIVE RECOMBINATION IN NEON: SPECTRAL LINE-SHAPE STUDIES.
AD-628 658 7D T 66 07

NERVE CELLS, AMINES
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS,
AD-628 741 6P T 66 07

NERVE CELLS, BRAIN
INTRACELLULAR RECORDING FROM NEURONES OF THE RETICULAR FORMATION,
AD-628 378 6P T 66 07

SUBCORTICAL AND PERIPHERAL CONTROL OF BRAIN STEM RETICULAR NEURONS,
AD-629 205 6P T 66 08

CORTICAL CONTROL OF BRAIN STEM RETICULAR NEURONS,
AD-629 206 6P T 66 08

AFFERENT CONNECTIONS TO RETICULO-SPINAL NEURONS,
AD-629 207 6P T 66 08

NERVE CELLS, RIBONUCLEIC ACIDS
RESEARCH ON INTRA NEURONAL MECHANISMS FOR INFORMATION STORAGE.
AD-628 899 6P T 66 08 HC$ 3.00 MF$ 0.50

NERVE CELLS, SEROTONIN
THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND,
AD-629 053 6Q T 66 08

NERVE CELLS, SPINAL CORD
THE PROPERTIES OF RETICULO-SPINAL NEURONS,
AD-629 204 6P T 66 08

NERVE FIBERS, CEREBRAL CORTEX
DISTRIBUTION OF CORPUS CALLOSUM AND ANTERIOR COMMISSURE IN CAT AND RACCOON,
AD-629 560 6P T 66 08

NERVE FIBERS, ENDOCRINE GLANDS
ULTRASTRUCTURE AND PHARMACOLOGICAL STUDIES OF NERVE ENDINGS IN THE PINEAL ORGAN.
AD-628 435 6P T 66 07

NERVES, REPRODUCTIVE SYSTEM
DISTRIBUTION AND FUNCTION OF ADRENERGIC NERVES IN THE RABBIT FALLOPIAN TUBE.
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50

NERVOUS SYSTEM, CEPHALOPODA
FINAL REPORT ON GRANT NO. AF-EOAR-62-37.
AD-628 237 6C T 66 07 HC$ 1.10 MF$ 0.50

NERVOUS SYSTEM, STIMULATION
VISCERAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION.
AD-628 298 6P T 66 07 HC$ 1.60 MF$ 0.50

NETWORKS, SCIENTIFIC RESEARCH
INVESTIGATION OF NETWORK REALIZABILITY.
AD-628 921 9C T 66 08 HC$ 5.60 MF$ 0.50

NEUROMUSCULAR TRANSMISSION, AMINES
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS.
AD-628 741 6P T 66 07

NEUROMUSCULAR TRANSMISSION, POTASSIUM
PRESYNAPTIC EFFECTS OF POTASSIUM ION ON THE MAMMALIAN NEUROMUSCULAR JUNCTION.
AD-628 266 6P T 66 07

NEUROSES, SLEEP
THE NEUROTIC COMPONENT OF NARCOLEPSY.
AD-628 595 6E T 66 07

NEUTRINOS, NEUTRON REACTIONS
NEUTRON STARS. II. NEUTRINO-COOLING AND OBSERVABILITY.
AD-628 460 3B T 66 07

NEUTRON ACTIVATION, CRIMINOLOGY
USE OF NEUTRON ACTIVATION ANALYSIS IN SCIENTIFIC CRIME DETECTION. 12-MONTH SUMMARY REPORT FOR THE PERIOD NOVEMBER 1, 1963-OCTOBER 31, 1964.
GA-6152 20H U 41 08 HC$ 3.00 MF$ 0.75

NEUTRON ACTIVATION, GAMMA-RAY SPECTRA
ANALYSIS OF A DAMASCUS STEEL BY NEUTRON AND GAMMA ACTIVATION.
IS-1105 7E U 41 07 HC$ 1.00 MF$ 0.50

NEUTRON BEAMS, LINEAR ACCELERATORS
ACCELERATOR PULSED FAST ASSEMBLY.
AD-466 666 20G U 41 08 HC$ 3.00 MF$ 0.75

NEUTRON CAPTURE, NUCLEAR RESONANCE
ETUDE DES FLUCTUATIONS DES LARGEURS RADIATIVES PARTIELLES ET TOTALES PAR LA CAPTURE DES NEUTRONS DE RESONANCE (STUDY OF THE FLUCTUATIONS OF THE PARTIAL AND TOTAL RADIATIVE WIDTHS BY NEUTRON CAPTURE RESONANCE METHOD.)
PB-169 232 20H U 41 08 HC$ 4.00 MF$ 0.75

NEUTRON CROSS SECTIONS, FAST NEUTRONS
MEASUREMENTS OF FAST NEUTRON CROSS SECTIONS.
MMPP-FRPC-64-2 18K U 41 07 HC$ 3.00 MF$ 0.75

NEUTRON CROSS SECTIONS, NUCLEAR PHYSICS LABORATORIES
EVALUATION OF NEUTRON CROSS SECTIONS AT THE KNOLLS ATOMIC POWER LABORATORY.
CONF-650524-2 20H U 41 08 HC$ 1.00 MF$ 0.50

NEUTRON FLUX, NUMERICAL ANALYSIS
COMPUTATION OF FAST NEUTRON PENETRATION IN AIR BY THE SN-METHOD WITH SPECIAL EMPHASIS ON THE USE OF MULTI-TABLE-MULTI- GROUP CROSS SECTION SETS.
LA-3415 20H U 41 08 HC$ 3.00 MF$ 0.75

NEUTRON REACTIONS, GAMMA RAYS
ANGULAR DISTRIBUTION OF GAMMA-RAYS PRODUCED BY FAST NEUTRON INELASTIC SCATTERING IN FE.
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50

NEUTRONS, SCATTERING
DTF-IV-A FORTRAN-IV PROGRAM FOR SOLVING THE MULTIGROUP TRANSPORT EQUATION WITH ANISOTROPIC SCATTERING.
LA-3373 9B U 41 07 HC$ 4.00 MF$ 1.00

NEUTRONS, SOURCES
LIMITED-ENERGY NEUTRON SOURCES PRODUCED BY THE DECAY OF EXCITED NUCLEI.
IDO-17115 20H U 41 07 HC$ 3.00 MF$ 0.75

NICKEL ALLOYS, CORROSION
HOT CORROSION MECHANISM STUDIES.
AD-629 598 11F T 66 08 HC$ 4.00 MF$ 0.75

NICKEL COMPOUNDS, FLUORIDES
MAGNETIC PARAMETERS IN NIF2.
AD-629 293 20L T 66 08

NICKEL COMPOUNDS, OXIDES
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

NICKEL, ATOMIC SPECTROSCOPY
RELATIVE TRANSITION PROBABILITIES FOR PROMINENT NI I AND NI II LINES IN THE NEARULTRAVIOLET.
AD-629 324 7D T 66 08

NICKEL, SOLAR SPECTRUM
3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM.
AD-629 233 3B T 66 08

NIGHT SKY, ATMOSPHERIC SOUNDING
NIGHT-TIME ELECTRON TEMPERATURES IN THE UPPER F REGION.
AD-628 234 4A T 66 07 HC$ 1.00 MF$ 0.50

NIGHT SKY, REACTION KINETICS
A STUDY OF THE NIGHTTIME IONOSPHERE AND ITS REACTION RATES.
AD-628 767 4A T 66 07

NIOBIUM ALLOYS, GERMANIUM ALLOYS
SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

NIOBIUM ALLOYS, PARAMAGNETIC RESONANCE
UPPER CRITICAL FIELDS OF NB-TI ALLOYS: EVIDENCE FOR THE INFLUENCE OF PAULI PARAMAGNETISM.
AD-629 195 20L T 66 08

NIOBIUM ALLOYS, ZIRCONIUM ALLOYS
EFFECTS OF HIGH MAGNETIC FIELDS ON THE ULTRASONIC VELOCITY AND ATTENUATION IN NB-25% ZR.
AD-629 185 20C T 66 08

NIOBIUM COMPOUNDS, SUPERCONDUCTIVITY
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES.
AD-629 514 20L T 66 08

NITRATES, ION EXCHANGE
ION EXCHANGE IN FUSED SALTS. II. THE DISTRIBUTION OF ALKALI METAL AND ALKALINE EARTH IONS BETWEEN CHABAZITE AND FUSED LINO3, NANO3, AND KNO3.
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50

NITRIDES, BORON COMPOUNDS
INTERACTION POTENTIALS OF SIMPLE NONPOLAR MOLECULES WITH BORON NITRIDE.
AD-629 396 7D T 66 08

NITRIDES, X-RAY SPECTROSCOPY
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION BANDS OF NITROGEN AND CARBON.
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50

NITRILES, CRYSTAL STRUCTURE
THE CRYSTAL AND MOLECULAR STPUCTURE OF 7,7,8,8-TETRACYANOQUINODIMETHANE.
AD-629 698 20B T 66 08

NITRILES, SYNTHESIS(CHEMISTRY)
PROTONATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES. A NEW SYNTHESIS OF NITRILES.
AD-629 112 7C T 66 08

NITROBENZENES, COMPLEX COMPOUNDS
SOLVENT EFFECTS ON CHARGE-TRANSFER COMPLEXES. II. COMPLEXES OF 1,3,5- TRINITROBENZENE WITH BENZENE, MESITYLENE, DURENE, PENTAMETHYLBENZENE, OR HEXAMETHYLBENZENE.
AD-629 553 7C T 66 08

NITROBENZENES, DRY CELLS
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-628 575 10C T 66 07 HC$ 2.60 MF$ 0.50

NITROCELLULOSE, DENSITY
DETONATION OF CONDENSED EXPLOSIVES WITH LOW CHARGE DENSITIES.
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50

NITROGEN COMPOUNDS, OXIDES
ANALYSIS OF THE SPECTRUM OF THE NITRIC OXIDE MOLECULE.
AD-628 818 7D T 66 07 HC$ 1.60 MF$ 0.50

NITROGEN COMPOUNDS, PHOTOCHEMISTRY
NITRIC OXIDE PHOTOLYSIS.
N66-11750 7D U 41 08 HC$ 1.00 MF$ 0.50

NITROGEN, CHEMICAL REACTIONS
MASS-SPECTROMETRIC STUDIES OF ATOMIC REACTIONS. V. THE REACTION OF NITROGEN ATOMS WITH NO2.
AD-629 665 7D T 66 08

AN INVESTIGATION OF SOME REACTIONS OF ACTIVE NITROGEN.
N66-10215 7C U 41 08 HC$ 5.00 MF$ 1.25

NITROGEN, CHEMISORPTION
A GENERALIZED MODEL FOR THE CHEMISORPTION BEHAVIOR OF NITROGEN ON TUNGSTEN.
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75

NITROGEN, EQUATIONS OF STATE
DETERMINATION OF MIXED VIRIAL COEFFICIENTS.
AD-628 889 7D T 66 08 HC$ 2.00 MF$ 0.50

NITROGEN, GLOW DISCHARGES
DISTRIBUTION OF ENERGY IN THE PRODUCTS OF REACTIONS UNDER FLAME AND RELATED CONDITIONS.
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50

NITROGEN, PLASMA JETS
MICROWAVE DIAGNOSTICS OF ARC-HEATED NITROGEN AND AIR PLASMAS.
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50

NITROGEN, VISCOSITY
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

NITROGEN, X-RAY SPECTROSCOPY
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION BANDS OF NITROGEN AND CARBON.
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50

NITROPHENOLS, DISSOCIATION
CALIBRATION OF THE GLASS ELECTRODE IN ACETONITRILE. SHAPE OF POTENTIOMETRIC TITRATION CURVES. DISSOCIATION CONSTANT OF PICRIC ACID.
AD-629 614 7D T 66 08

NOISE ANALYZERS, ARMED FORCES SUPPLIES
POSSIBLE COMBAT APPLICATION OF EXPERIMENTAL STEALTH MEASURING DEVICE.
AD-629 197 17A T 66 08 HC$ 1.60 MF$ 0.50

NOISE(RADAR), MATHEMATICAL ANALYSIS
LINEAR NOISE FILTERING AND PREDICTING SYSTEMS.
PB-169 144 9D U 41 08 HC$ 1.00 MF$ 0.50

NOISE(RADIO), CROSSED FIELD DEVICES
RESEARCH ON NOISE IN CROSSED-FIELD GUNS.
AD-628 231 9A T 66 07 HC$17.00 MF$ 1.00

LOW-LEVEL, CROSSED-FIELD NOISE STUDY.
AD-629 125 9E T 66 08 HC$ 2.60 MF$ 0.50

NOISE(RADIO), ELECTRON BEAMS
BEAM NOISE REDUCTION IN HIGH MAGNETIC FIELDS.
AD-629 516 17B T 66 08

NOISE, ARCTIC OCEAN
AMBIENT NOISE UNDER ARCTIC-SEA ICE.
AD-628 304 20A T 66 07

NOISE, MEASUREMENT
A NOISE EXPOSURE DURATION INDICATOR.
AD-629 101 14C T 66 08

NOISE, PARTICLES
A LIMIT ON STABLY TRAPPED PARTICLE FLUXES.
N66-10878 20H U 41 08 HC$ 3.00 MF$ 0.75

NOISE, PERFORMANCE(HUMAN)
HUMAN PERFORMANCE AS A FUNCTION OF CHANGES IN ACOUSTIC NOISE LEVELS.
AD-628 198 5J T 66 07 HC$ 1.60 MF$ 0.50

NOISE, TOLERANCES(PHYSIOLOGY)
ON NOISE AND VIBRATION EXPOSURE CRITERIA.
AD-628 175 6J T 66 07

NONEQUILIBRIUM FLOW, GAS ANALYSIS
CHEMICAL SCAVENGER PROBES IN NONEQUILIBRIUM GASDYNAMICS.
AD-629 248 20D T 66 08

NONEQUILIBRIUM FLOW, IONIZATION
ESTIMATES OF NONEQUILIBRIUM IONIZATION PHENOMENA IN THE INVISCID APOLLO PLASMA SHEATH.
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75

NONEQUILIBRIUM FLOW, WAKE
NONSIMILAR MIXING OF CHEMICALLY REACTING STREAMS.
AD-628 629 20D T 66 07 HC$ 2.00 MF$ 0.50

NONLINEAR DIFFERENTIAL EQUATIONS, FUNCTIONAL ANALYSIS
INVERTING NONLINEAR DIFFERENTIAL SYSTEMS WITH INITIAL CONDITIONS.
AD-629 399 12A T 66 08

NONLINEAR PROGRAMMING, SCHEDULING
THE ASSIGNMENT INTERFERENCE MODEL.
AD-628 381 12B T 66 07 HC$ 1.60 MF$ 0.50

NONLINEAR PROGRAMMING, THEOREMS
A GENERALIZATION OF A THEOREM OF EDMUND EISENBERG.
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50

NONLINEAR SYSTEMS, STATISTICAL ANALYSIS
A STATISTICAL FORMULATION OF THE ESTIMATION AND THE COMBINED IDENTIFICATION AND CONTROL PROBLEMS. WORST CASE INITIAL CONDITION.
N66-10615 12A U 41 08 HC$ 3.00 MF$ 0.50

NON-DESTRUCTIVE TESTING, POWDER METALS
INVESTIGATION OF SONIC TECHNIQUES FOR THE NONDESTRUCTIVE EVALUATION OF SINTERED IRON POWDER COMPACTS.
AD-628 538 11F T 66 07 HC$ 2.00 MF$ 0.50

NON-DESTRUCTIVE TESTING, ULTRASONIC RADIATION
ULTRASONIC TESTING.
ACF-4 13H U 41 07 HC$ 1.00 MF$ 0.50

NORWAY, COMMERCE
NORWAY.
PB-169 267 5C U 41 07 HC$ 6.00 MF$ 1.50

NORWEGIAN SEA, OCEAN BOTTOM SAMPLING
ORGANIC MATTER IN SEDIMENTS IN THE NORWEGIAN SEA AND CONDITIONS FOR THE ACCUMULATION OF SUCH MATTER.
AD-628 195 8A T 66 07 HC$ 2.60 MF$ 0.50

NOSE, RADIATION EFFECTS
THE EFFECTS OF VARIOUS GASES WITHIN THE NASAL CAVITIES OF RATS ON THE RESPONSE OF OLFACTORY BULB NEURONS TO X IRRADIATION.
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50

NOZZLES, THERMAL RADIATION
ANALYSIS OF THE EFFECT OF A SEEDED PROPELLANT LAYER ON THERMAL RADIATION IN THE NOZZLE OF A GASEOUS-CORE NUCLEAR PROPULSION SYSTEM.
N66-12139 21F U 41 08 HC$ 1.00 MF$ 0.50

NUCLEAR POWER PLANTS, COSTS
ECONOMIC ASPECTS OF NUCLEAR DESALINATION.
ORNL-P-1278 18L U 41 08 HC$ 1.00 MF$ 0.50

NUCLEAR POWER PLANTS, DISTILLING PLANTS
ENGINEERING AND ECONOMIC FEASIBILITY STUDY FOR A COMBINATION NUCLEAR POWER-DESALTING PLANT. PHASES I AND II.
TID-22330 18L U 41 08 HC$ 4.00 MF$ 2.25

NUCLEAR BINDING ENERGY, MASS-ENERGY - RELATION
A TABLE OF BINDING ENERGIES AND PARTICLE SEPARATION ENERGIES FROM A MASS LAW.
LA-3380 20H U 41 08 HC$ 4.00 MF$ 1.00

NUCLEAR CROSS SECTIONS, SYMPOSIA
REPORTS TO THE AEC NUCLEAR CROSS SECTIONS ADVISORY GROUP AT DUKE UNIVERSITY, OCTOBER 13-14, 1965.
WASH-1064 20H U 41 08 HC$ 6.00 MF$ 1.25

NUCLEAR ENERGY LEVELS, ALUMINUM
MEAN LIFE OF THE 2.98-MEV LEVEL OF Al47.
AD-628 880 20H T 66 07

NUCLEAR ENERGY LEVELS, EXCITATION
EFFECT OF FINITE LIFE OF UPPER LEVEL ON PROBABILITY OF COULOMB EXCITATION.
AD-628 267 20H T 66 07

INFLUENCE OF MULTIPLE VIRTUAL TRANSITIONS ON THE REORIENTATION EFFECT IN COULOMB EXCITATION.
AD-628 650 20H T 66 07

NUCLEAR ENERGY LEVELS, SILICON
LIFETIME OF THE 6.880-MEV LEVEL OF Si28.
AD-628 879 20H T 66 07

NUCLEAR ENGINEERING, NUCLEAR REACTORS
ANNUAL TECHNICAL PROGRESS REPORT, AEC UNCLASSIFIED PROGRAMS, FISCAL YEAR 1965.
NAA-SR-11450 18I U 41 07 HC$ 7.00 MF$ 2.00

NUCLEAR ENGINEERING, REACTOR OPERATION
AEC UNCLASSIFIED PROGRAMS.
NAA-SR-9339 18I U 41 08 HC$ 3.00 MF$ 1.25

NUCLEAR ENGINEERING, THERMONUCLEAR REACTIONS
PROCEEDINGS OF THE 1965 SYMPOSIUM ON ENGINEERING PROBLEMS OF CONTROLLED THERMONUCLEAR RESEARCH, MAY 4-7, 1965.
CONF-650512 18A U 41 08 HC$ 6.00 MF$ 1.25

NUCLEAR ENGINEERING, TRANSPORT PROPERTIES
ATOMIC TRANSPORT PROBLEMS OF INTEREST IN NUCLEAR SYSTEMS.
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50

NUCLEAR EXPLOSIONS, AIR POLLUTION
RADIATION LEVELS ABOARD COMMERCIAL JET AIRCRAFT RESULTING FROM ATMOSPHERIC NUCLEAR WEAPONS TESTS, NOVEMBER 1961 - DECEMBER 1962.
AD-628 970 M18H,T 66 08

NUCLEAR EXPLOSIONS, HIGH ALTITUDE
TIME DELAYS BETWEEN THE INTENSITY VARIATIONS OF THE 3914 A AND 5577 A SPECTRAL LINES IN ARTIFICIAL AURORAS.
AD-629 121 4A T 66 08

A COMPARISON BETWEEN SOLAR X-RAY EMISSION AND VLF SUDDEN PHASE ANOMALIES.
AD-629 315 4A T 66 08

TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS.
AD-629 365 18C T 66 08

NUCLEAR EXPLOSIONS, MINING ENGINEERING
NUCLEAR MINING FEASIBILITY STUDY.
UCRL-13104 18C U 41 07 HC$ 3.00 MF$ 0.75

NUCLEAR EXPLOSIONS, RADIATION MEASUREMENT SYSTEMS
OFF-SITE SURVEILLANCE.
AD-629 357 18C T 66 08 HC$ 3.00 MF$ 0.75

NUCLEAR EXPLOSIONS, RADIOACTIVE FALLOUT
INTERCEPTION AND RETENTION OF RADIOACTIVE FALLOUT BY DESERT SHRUBS IN THE SEDAN FALLOUT FIELD. PROJECT 62.83 OF PROJECT SEDAN.
PNE-238F 18H U 41 08 HC$ 2.00 MF$ 0.50

NUCLEAR EXPLOSIONS, ROCKET PROPULSION
NUCLEAR PULSE PROPULSION.
AD-450 629 21F U 41 08 HC$ 1.00

NUCLEAR EXPLOSIONS, SEISMOLOGY
LONG RANGE SEISMIC MEASUREMENTS. CUP.
AD-629 431 8K T 66 08 HC$ 3.60 MF$ 0.50

NUCLEAR EXPLOSIONS, SIMULATION
PULSED REACTOR SIMULATION OF UNDERWATER NUCLEAR DETONATIONS-THERMAL ANALYSIS.
AD-629 404 18C T 66 08 HC$ 3.60 MF$ 0.50

NUCLEAR EXPLOSIONS, THERMAL NEUTRONS
THERMAL NEUTRON SPECTRA FROM AN UNDERGROUND NUCLEAR EXPLOSION WITH SPECIAL CONSIDERATION OF SPECTRAL MODIFICATION DUE TO BOMB DEBRIS MOTION.
LA-3403 18C U 41 08 HC$ 3.00 MF$ 0.50

NUCLEAR EXPLOSIONS, UNDERGROUND EXPLOSIONS

POST-SHOT HYDROLOGIC SAFETY.
AD-629 407 18C T 66 08 HC$ 3.00 MF$ 0.50

NUCLEAR INDUSTRIAL APPLICATIONS, EFFECTIVENESS
ISOTOPES IN INDUSTRY. TRENDS IN THE INDUSTRIAL USE OF RADIOISOTOPES AND IONIZING RADIATION.
NYO-3337-16 13H U 41 07 HC$ 1.50 MF$ 1.00

NUCLEAR INDUSTRIAL APPLICATIONS, SCIENTIFIC RESEARCH
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING OCTOBER 1965.
BMI-1748 (DEL.) 18J U 41 08 HC$ 2.00 MF$ 0.50

NUCLEAR MAGNETIC RESONANCE, RADIOFREQUENCY PULSES
NMR SPIN-ECHO TRAINS FOR A COUPLED TWO-SPIN SYSTEM.
AD-466 684 7D U 41 07 HC$ 1.00 MF$ 0.50

NUCLEAR MAGNETIC RESONANCE, COBALT
NUCLEAR RESONANCE IN SHEETS AND POWDERS OF COBALT.
AD-629 255 7D T 66 08

NUCLEAR MAGNETIC RESONANCE, POLYMERS
PROTON MAGNETIC RESONANCE LINE WIDTH AS A FUNCTION OF POLYMER TACTICITY.
AD-629 747 7D T 66 08

NUCLEAR MODELS, NUCLEAR ENERGY LEVELS
ENERGY GAP IN A CUBICAL MODEL FOR NUCLEI.
AD-628 436 20H T 66 07

NUCLEAR PARTICLES, DETECTORS
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CYRSTALS.
AD-629 058 20L T 66 08

NUCLEAR PARTICLES, INELASTIC SCATTERING
THEORETICAL CALCULATIONS OF INELASTIC SCATTERING MATRICES FOR MULTIGROUP REACTOR ANALYSIS.
WCAP-3269-34 18K U 41 08 HC$ 3.00 MF$ 0.50

NUCLEAR PARTICLES, NUCLEAR ENERGY
A TABLE OF BINDING ENERGIES AND PARTICLE SEPARATION ENERGIES FROM A MASS LAW.
LA-3380 20H U 41 08 HC$ 4.00 MF$ 1.00

NUCLEAR PHYSICS LABORATORIES, PLUTONIUM
PLUTONIUM ABSTRACTS. VOLUME 5, NUMBER 9.
BNWL-113-9 11F U 41 08 HC$ 2.00 MF$ 0.50

NUCLEAR PHYSICS LABORATORIES, CLEAN ROOMS
SIGNIFICANT PARAMETERS OF CLEAN ROOM DESIGN.
Y-EA-37 14B U 41 08 HC$ 2.00 MF$ 0.50

NUCLEAR PHYSICS, SCIENTIFIC RESEARCH
ANNUAL PROGRESS REPORT FOR 1965.
AD-628 872 20H T 66 07 HC$ 1.00 MF$ 0.50

NEUTRON PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING AUGUST 1, 1965.
ORNL-3858, VOL. 1 20H U 41 07 HC$ 2.00 MF$ 0.50

ORNL-3858, VOL. 2 20H U 41 07 HC$ 3.00 MF$ 0.75

NUCLEAR POWER PLANTS, CONSTRUCTION
237 MW KRB NUCLEAR POWER PLANT.
TID-21407 18E U 41 07 HC$ 2.00 MF$ 0.75

TID-21501 18E U 41 07 HC$ 4.00 MF$ 0.75

TID-21593 18E U 41 07 HC$ 4.00 MF$ 0.75

NUCLEAR POWER PLANTS, CORROSION
SNAP-8 CORROSION PROGRAM SUMMARY REPORT.
ORNL-3698 18N U 41 08 HC$ 6.00 MF$ 1.25

NUCLEAR POWER PLANTS, OCEAN BOTTOM
RESEARCH AND DEVELOPMENT STUDY FOR DEEP OCEAN REACTOR PLACEMENT.
AD-466 696 18E U 41 08 HC$ 7.00 MF$ 1.50

NUCLEAR POWER PLANTS, SPACECRAFT
SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME II. MOLECULAR PUMP.
N65-17271 18N U 41 07 HC$ 4.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME III. DYNAMIC SLINGER.
N65-17272 18N U 41 07 HC$ 3.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME IV. INTEGRATED SEAL SIMULATOR.
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50

NUCLEAR PROPERTIES, ALUMINUM
PROPERTIES OF THE 4.403-MEV EXCITED STATE OF A127.
AD-628 881 20H T 66 07

NUCLEAR PROPERTIES, ELEMENTARY PARTICLES
PROPERTIES OF A MASSIVE NEUTRAL GAUGE PARTICLE.
AD-629 263 20H T 66 08

NUCLEAR PROPERTIES, PHOSPHORUS
PROPERTIES OF THE STATE IN P31 AT 7.14 MEV.
AD-628 882 20H T 66 07

NUCLEAR PROPULSION FEASIBILITY STUDIES
NUCLEAR PULSE PROPULSION.
AD-450 629 21F U 41 08 HC$ 1.00

NUCLEAR PROPULSION, GASES
WHEEL-FLOW GASEOUS-CORE REACTOR CONCEPT.
N66-10747 21F U 41 07 HC$ 1.00 MF$ 0.50

NUCLEAR PROPULSION, NOZZLES
ANALYSIS OF THE EFFECT OF A SEEDED PROPELLANT LAYER ON THERMAL RADIATION IN THE NOZZLE OF A GASEOUS-CORE NUCLEAR PROPULSION SYSTEM.
N66-12139 21F U 41 08 HC$ 1.00 MF$ 0.50

NUCLEAR PROPULSION, ROCKET MOTORS
AN ANALYSIS OF RADIOISOTOPE POWERED THRUSTORS FOR SPACE PROPULSION.
AD-425 715 18N U 41 07 HC$ 1.00

FABRICATION AND TEST OF A FLUERIC POSITION SERVO.
N66-10701 13G U 41 08 HC$ 1.00 MF$ 0.50

NUCLEAR RADIATION SPECTROMETERS, SEMICONDUCTORS
DEVELOPMENT OF DATA UNFOLDING TECHNIQUES FOR CONTOURED SEMICONDUCTOR NEUTRON SPECTROMETER.
N66-10648 18N U 41 08 HC$ 3.00 MF$ 0.75

NUCLEAR REACTIONS, CHARGED PARTICLES
OPTIMUM TARGET ORIENTATION IN NUCLEAR REACTION EXPERIMENTS.
N66-10667 20H U 41 07 HC$ 2.00 MF$ 0.50

NUCLEAR REACTIONS, POTENTIAL THEORY
EFFECTIVE INTERACTIONS IN FINITE NUCLEI.
AD-629 703 20H T 66 08

NUCLEAR REACTORS, CONTAINMENT
STUDIES OF REACTOR CONTAINMENT.
IITRI-T6042-11 18J U 41 07 HC$ 2.00 MF$ 0.50

237 MW KRB NUCLEAR POWER PLANT.
TID-21593 18E U 41 07 HC$ 4.00 MF$ 0.75

NUCLEAR REACTORS, GENERATORS
587 - KVA 24,000-RPM ALTERNATOR. PART NO. 546136-1-1.
AD-629 562 10B T 66 08 HC$ 4.60 MF$ 0.50

NUCLEAR REACTORS, NUCLEAR ENGINEER ING
AEC UNCLASSIFIED PROGRAMS.
NAA-SR-9339 18I U 41 08 HC$ 3.00 MF$ 1.25

NUCLEAR REACTORS, NUCLEAR ENGINEERING
ANNUAL TECHNICAL PROGRESS REPORT, AEC UNCLASSIFIED PROGRAMS, FISCAL YEAR 1965.
NAA-SR-11450 18I U 41 07 HC$ 7.00 MF$ 2.00

NUCLEAR REACTORS, OCEAN BOTTOM
RESEARCH AND DEVELOPMENT STUDY FOR DEEP OCEAN REACTOR PLACEMENT.
AD-466 696 18E U 41 08 HC$ 7.00 MF$ 1.50

NUCLEAR REACTORS, SHIELDING
CAPABILITIES OF THE 1 MW SHIELD TEST AND IRRADIATION REACTOR.
NAA-SR-11528 18M U 41 08 HC$ 2.00 MF$ 0.50

NUCLEAR REACTORS, SIMULATION
NUCLEAR ROCKET SIMULATOR TESTS, FLOW INITIATION WITH NO TURBINE GAS TANK PRESSURE, 35 PSIA RUN 1.
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50

NUCLEAR ROCKET SIMULATOR TESTS FLOW INITIATION WITH TURBINE ACCELERATED TANK PRESSURE 50 PSIA, RUN 11.
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75

NUCLEAR RESONANCE, ORGANIC COMPOUNDS
CATALOG OF NUCLEAR QUADRUPOLE INTERACTIONS AND RESONANCE FREQUENCIES IN SOLIDS. PART II. HALOGEN RESONANCES IN ORGANIC COMPOUNDS.
IS-1222 7C U 41 07 HC$ 4.00 MF$ 0.75

NUCLEAR RESONANCE, PROTON SCATTERING
THE EP = 2.66 MEV RESONANCE IN O16(P,P)O16.
AD-628 698 20H T 66 07

NUCLEAR SPINS, EQUATIONS
WICK AND GOLDSTONE THEOREMS FOR GENERAL SPIN ANTIFERROMAGNETIC SPIN WAVES II.
AD-629 141 20J T 66 08 HC$ 2.60 MF$ 0.50

NUCLEAR SPINS, MOMENTUM
TABLE OF SANIBEL (SPIN PROJECTION) COEFFICIENTS.
AD-628 834 20J T 66 07 HC$ 3.00 MF$ 0.75

NUCLEAR STRUCTURE, CHARGED PARTICLES
STRUCTURE EFFECTS IN THE CHARGE RADIUS OF SPHERICAL NUCLEI.
AD-628 119 20H T 66 07 HC$ 4.00 MF$ 0.75

NUCLEAR STRUCTURE, WAVE FUNCTIONS
SPECTROSCOPIC FACTORS FROM DEUTERON STRIPPING REACTIONS LEADING TO GROUND AND FIRST EXCITED STATES OF EVEN SPHERICAL NUCLEI.
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50

NUCLEAR WARFARE, FORTIFICATIONS
RED STAR SERIES ON ATOMIC WEAPONS AND ANTIATOMIC DEFENSE. PART V. ENGINEERING PREPARATION OF THE TERRAIN.
AD-628 726 15F T 66 07 HC$ 1.10 MF$ 0.50

NUCLEAR WEAPONS, RADIOACTIVE FALLOUT
RADIOACTIVE FALLOUT FROM NUCLEAR WEAPONS TESTS.
CONF-765 18H U 41 08 HC$ 6.50 MF$ 3.75

NUCLEIC ACIDS, METABOLISM
EFFETS DE L (ACIDE ALPHA-LIPOIQUE SUR LE METABOLISME DES ACIDES NUCLEIQUES CHEZ LES EMBRYONS DE BATRACIENS ET DE POULET (EFFECTS OF ALPHA-LIPOIC ACID ON NUCLEIC ACID METABOLISM IN AMPHIBIAN AND CHICKEN EMBRYOS).

AD-629 462 6C T 66 08

NUCLEIC ACIDS, VISION
NUCLEIC ACID AND PROTEIN CHANGES DURING DEVELOPMENT IN NORMAL AND VISUALLY DEPRIVED RATS.
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50

NUCLEI, NUCLEAR ISOBARS
ISOBARIC SPLITTING OF DIPOLE STATES IN NUCLEI.
AD-628 878 20H T 66 07

NUCLEONS, POTENTIAL THEORY
EFFECTIVE INTERACTIONS IN FINITE NUCLEI.
AD-629 703 20H T 66 08

NULEAR ENGINEERING, REPORTS
CHEMICAL TECHNOLOGY DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING MAY 31, 1965.
ORNL-3830 7A U 41 08 HC$ 7.00 MF$ 1.50

NUMERICAL ANALYSIS, PARTIAL DIFFERENTIAL EQUA TIONS
FINDING EVERETT'S LAGHANGE MULTIPLIERS BY LINEAR PROGRAMMING.
AD-629 505 12B T 66 08 HC$ 1.10 MF$ 0.50

NUMERICAL METHODS AND PROCEDUCES, INTEGRATION
SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. I. ERROR COEFFICIENTS.
AD-628 522 12A T 66 07

NUMERICAL METHODS AND PROCEDURES, DIFFERENTIAL EQUATIONS
INITIAL VALUE METHODS FOR THE BASIC BOUNDARY VALUE PROBLEM AND INTEGRAL EQUATION OF RADIATIVE TRANSFER.
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50

NUMERICAL METHODS AND PROCEDURES, FLUID MECHANICS
THE NEWTONIAN DIFFUSE METHOD FOR COMPUTING AERODYNAMIC FORCES.
AD-628 762 20D T 66 07 HC$ 3.60 MF$ 0.50

NUMERICAL METHODS AND PROCEDURES, INTEGRATION
INTEGRATION RULES OF HYPERCUBIC SYMMETRY OVER A CERTAIN SPHERICALLY SYMMETRIC SPACE.
AD-628 521 12A T 66 07

SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. II. RULE PROJECTION AND RULE EXTENSION.
AD-629 529 12A T 66 08

NUMERICAL METHODS AND PROCEDURES, PROGRAMMING(COMPUTERS)
SQUARE ROOT SUBROUTINES.
AD-629 327 9B T 66 08 HC$ 1.60 MF$ 0.50

NUMERICAL METHODS AND PROCEDURES, SPECIAL FUNCTIONS(MATHEMATICAL)
NUMERICAL DETERMINATION OF SPHEROIDAL WAVE FUNCTION EIGENVALUES AND EXPANSION COEFFICIENTS.
AD-628 760 12A T 66 07 HC$ 5.00 MF$ 1.00

NUMERICAL METHODS AND PROCEDURES, TRANSPORT PROPERTIES
FINITE DIFFERENCE METHODS FOR NONLINEAR RADIATION TRANSPORT.
UCRL-12411 12A U 41 07 HC$ 2.00 MF$ 0.50

NYSTAGMUS, VISUAL PERCEPTION
THE ROLE OF VESTIBULAR NYSTAGMIS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK.
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. I. METHODOLOGY AND PRELIMINARY RESULTS.
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. III. HABITUATION AND TECHNIQUE OF ASSUMING THE TURN AS FACTORS IN ILLUSORY PERCEPTION.
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50

N-BODY PROBLEM, NUMERICAL ANALYSIS
NUMERICAL INTEGRATION OF AN ORBIT AND ITS CONCOMITANT VARIATIONS BY RECURRENT POWER SERIES.
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50

N-BODY PROBLEM, POTENTIAL THEORY
IMPROVED METHOD FOR QUANTUM MECHANICAL THREE-BODY PROBLEMS. I. ATTRACTIVE POTENTIALS.
AD-628 636 20J T 66 07

N-BODY PROBLEM, QUANTUM MECHANICS
QUANTUM THEORY OF MANY-PARTICLE SYSTEMS.
AD-628 316 20J T 66 07 HC$ 2.60 MF$ 0.50

N-HETEROCYCLIC COMPOUNDS, PLASTICIZERS
N-OLEOYL-2-ETHYLETHYLENIMINE.
PATENT 3,219,659 11I U 41 07

N-HETEROCYCLIC COMPOUNDS, CHEMICAL REACTIONS
THE REACTIONS OF 2- AND 4-PICOLINE N-OXIDE WITH PHENYLACETIC ANHYDRIDE.
AD-629 711 7C T 66 08

N-HETEROCYCLIC COMPOUNDS, SYNTHESIS(CHEMISTRY)
THE SYNTHESIS OF ALKYLAMINOETHANETHIOLS SUBSTITUTED WITH HETEROCYCLIC MOIETIES AND THEIR DERIVATIVES.
AD-628 069 7C T 66 07 HC$ 3.00 MF$ 0.75

OBSTRUCTION (PHYSIOLOGY), VEINS
UBER DEN EINFLUB KURZZEITIGER ABKLEMMUNG DER VENA PORTAE AUF DIE DIURESE UND DEN ARTERIELLEN BLUTDRUCK DER WACHEN RATTE (THE EFFECT OF SHORT-TERM OCCLUSION OF THE PORTAL VEIN ON DIURESIS AND ARTERIAL BLOOD PRESSURE IN THE UNANESTHETIZED RAT).
AD-629 210 6P T 66 08

OCEAN BOTTOM TOPOGRAPHY, OROGENY
TRAVELING ON THE BOTTOM OF THE SEA: HOW THE RELIEF OF OCENA AND SEA BOTTOM IS FORMED.
AD-628 192 8J T 66 07 HC$ 5.60 MF$ 0.50

OCEAN BOTTOM TOPOGRAPHY, PACIFIC OCEANS
GEOLOGIC STUDIES OF SOUTHERN CALIFORNIA SUBMARINE CANYONS.
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75

OCEAN CURRENTS, MEASUREMENT
A SHALLOW WATER ISOBARIC BUOY.
AD-628 782 14B T 66 07 HC$ 6.60 MF$ 0.75

OCEAN WAVES, TURBULENCE
PRELIMINARY STUDIES ON THE TURBULENT CHARACTERISTICS OF OCEAN WAVES.
AD-467 337 8C U 41 07 HC$ 1.00 MF$ 0.50

OCEANOGRAPHIC VESSELS, STRUCTURAL PARTS
OBSERVATION WINDOWS OF THE DEEP SUBMERSIBLE, ALVIN.
AD-629 592 13J T 66 08 HC$ 3.60 MF$ 0.50

OCEANOLOGY, ARCTIC REGIONS
ON THE OCEANOGRAPHY OF THE NANSEN SOUND FIORD SYSTEM.
AD-628 145 8J T 66 07

REPORT OF THE ARCTIC ICE OBSERVING AND FORECASTING PROGRAM, 1964.
AD-628 536 8L T 66 07 MF$ 1.00

OCEANOLOGY, BIBLIOGRAPHIES
BIBLIOGRAPHY OF REPORTS 1965.
AD-628 758 8J T 66 07 HC$ 1.00 MF$ 0.50

OCEANOLOGY, HEAT TRANSFER
METHODS OF EVALUATING ADVECTION IN THE HEAT BALANCE OF SEAS AND OCEANS.
AD-628 147 8J T 66 07 HC$ 1.60 MF$ 0.50

OCEANOLOGY, NORWEGIAN SEA
ORGANIC MATTER IN SEDIMENTS IN THE NORWEGIAN SEA AND CONDITIONS FOR THE ACCUMULATION OF SUCH MATTER.
AD-628 195 8A T 66 07 HC$ 2.60 MF$ 0.50

OFFICER PER SONNEL, JOB ANALYSIS
IDENTIFICATION OF JOB REQUIREMENT FACTORS BY USE OF SIMULATED JOBS.
AD-628 952 5I T 66 08

OFFICER PERSONNEL, MILITARY TRAINING
PERFORMANCE AIDS FOR JUNIOR OFFICERS.
AD-629 304 5I T 66 08 HC$ 2.60 MF$ 0.50

OFFICER PERSONNEL, PSYCHIATRY
DEPRESSION IN THE OFFICER PATIENT.
AD-628 755 6E T 66 07

THE NAVAL MEDICAL OFFICER AS A PSYCHIATRIC PATIENT.
AD-628 756 6E T 66 07

OFFICER PERSONNEL, PSYCHOMETRICS
USAF OFFICER EVALUATION SYSTEM SURVEY: ATTITUDES AND EXPERIENCE.
AD-628 551 5I T 66 07 HC$ 8.60 MF$ 0.75

OFFICER PERSONNEL, SELECTION
OFFICER GRADE REQUIREMENTS PROJECT. II. JOB DESCRIPTIONS, SAMPLE SELECTION, AND CRITERION BOARD.
AD-629 575 5I T 66 08 HC$ 4.60 MF$ 0.50

OIDATION, REACTION KINETICS
KINETIC AND AERODYNAMIC ASPECTS OF THE OXIDATION OF MATERIALS BY PARTIALLY DISSOCIATED GASES.
AD-628 515 11B T 66 07 HC$ 2.60 MF$ 0.50

OILS, MASS SPECTROSCOPY
A MASS SPECTROMETRIC ANALYSIS OF DC 704 DIFFUSION-PUMP OIL FRAGMENTATION.
N65-35833 7D U 41 07 HC$ 1.00 MF$ 0.50

OKLAHOMA, ELECTRIC POWER PRODUCTION
ESTIMATES OF ELECTRICITY SALES BY UTILITIES, BY COUNTY AND CLASS OF SERVICE, OKLAHOMA, 1950 AND 1960.
N66-11744 13B U 41 08 HC$ 3.00 MF$ 0.50

OMNIDIRECTIONAL ANTENNAS, SPACECRAFT
THE DESIGN OF AN OMNIDIRECTIONAL ANTENNA SYSTEM FOR THE APOLLO SPACECRAFT.
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25

ONTARIO, GEOLOGY
THE GEOCHRONOLOGY OF THE BLIND RIVER-BRUCE MINES AREA ONTARIO, CANADA.
AD-629 113 8G T 66 08

OPERATIONS RESEARCH, DATA PROCESSING SYSTEMS
THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS.
AD-628 220 9B T 66 07 HC$ 7.25 MF$ 2.00

OPERATORS(MATHEMATICS), APPROXIMATION(MATHEMATICS)
STRUCTURE OF THE BOLTZMANN COLLISION OPERATOR.
AD-629 152 20D T 66 08

OPERATORS(MATHEMATICS), STATISTICAL PROCESSES
ASYMPTOTIC BEHAVIOR OF SUCCESSIVE ITERATES OF CONTINUOUS FUNCTIONS UNDER A MARKOV OPERATOR.

AD-628 43A 12A T 66 07

OPERATORS(MATHEMATICS), THEORY
GENERALIZED UNITARY OPERATORS,
AD-628 621 12A T 66 07

OPTICAL TRACKING, GUIDED MISSILE TRACKING SYSTEMS
DATA REDUCTION OF CHEMICAL RELEASES IN THE UPPER ATMOSPHERE OF LOW-INTENSITY OPTICAL EMISSIONS CAUSED BY THE RELEASES AND DESIGN AND DEVELOPMENT OF PAYLOADS TO PRODUCE LUMINARY TRAIL AND POINT RELEASES AT ALTITUDES ABOVE 80 KM.
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50

OPTICAL EQUIPMENT, ATMOSPHERE MOTION
INFLUENCE OF ATMOSPHERIC TURBULENCE ON AZIMUTH LAYING TECHNIQUES.
N66-10884 17G U 41 08 HC$ 5.00 MF$ 1.00

OPTICAL EQUIPMENT, INTERFEROMETERS
PRINCIPLES AND OPERATION OF THE ALIGNMENT INTERFEROMETER,
Y-1489 18D U 41 07 HC$ 2.00 MF$ 0.50

OPTICAL EQUIPMENT, THERMAL RADIATION
A THERMAL RADIATION HEAT SOURCE AND IMAGING SYSTEM FOR BIOMEDICAL RESEARCH,
AD-629 590 14B T 66 08 HC$ 2.00 MF$ 0.50

OPTICAL IMAGES, IMAGE TUBES
1-1/2 INCH ELECTROSTATIC IMAGE DISSECTOR,
N65-18488 20F U 41 07 HC$ 3.00 MF$ 0.50

OPTICAL MATERIALS, SPACE ENVIRONMENTAL CONDITIONS
EFFECTS OF A SIMULATED HIGH ENERGY ELECTRON SPACE ENVIRONMENT ON THE ULTRA- VIOLET TRANSMITTANCE OF OPTICAL MATERIALS BETWEEN 1050 AND 3000 A,
N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50

OPTICAL PHENOMENA, CRYSTALS
SOLID STATE RADIATION-INDUCED PHENOMENA.
AD-628 861 20F T 66 07 HC$ 3.00 MF$ 0.75

OPTICAL PHENOMENA, FOCUSING
SELF-FOCUSING OF OPTICAL BEAMS,
AD-628 563 20F T 66 07

OPTICAL SCANNING, LASERS
OPTICAL SPOT SIZE STUDY FOR DATA EXTRACTION FROM A TRANSPARENCY,
AD-628 588 17H T 66 07 HC$ 3.00 MF$ 0.75

OPTICAL TRACKING, SPACE BUOYS
SEPARATION TRAJECTORY CHARACTERISTICS RESULTING FROM SEPARATING TWO VEHICLES IN NEAR-EARTH ORBITS.
N66-12251 22C U 41 07 HC$ 2.00 MF$ 0.50

OPTICS, ATMOSPHERE
TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME I.
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME II.
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME III.
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50

OPTICS, PHYSIOLOGY
TRANSMISSION OF THE HUMAN EYE.
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50

OPTICS, RESONATORS
RAY THEORY OF OPTICAL RESONATORS AND BEAM WAVEGUIDES.
AD-628 355 20F T 66 07 HC$ 2.00 MF$ 0.50

OPTIMIZATION, ADAPTIVE CONTROL SYSTEMS
ON THE FORMULATION OF ADAPTIVE OPTIMAL CONTROL PROBLEMS,
AD-629 691 9C T 66 08

OPTIMIZATION, AUTOMATIC GAIN CONTROL
REDUCING NONLINEAR DISTORTION DUE TO AUTOMATIC-GAIN-CONTROL CIRCUITS,
AD-629 403 17B T 66 08

OPTIMIZATION, CONTROL SYSTEMS
ON CONTROL SYSTEM EQUIVALENTS OF SOME DECISION THEORETIC THEOREMS,
AD-628 265 A12B,T 66 07

INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 6. EXTREMAL SYSTEMS AND INTRODUCTION OF STATISTICAL DATA.
AD-628 955 12B T 66 08 HC$ 6.00 MF$ 1.50

ON THE GEOMETRY OF OPTIMAL PROCESSES, PART III,
AD-629 000 12B T 66 08 HC$ 6.60 MF$ 0.75

OPTIMIZATION, SYSTEMS ENGINEERING
SYSTEM OPTIMIZATION WITH FIXED CONTROL STRUCTURE,
AD-628 112 12B T 66 07 HC$ 8.60 MF$ 0.75

ORBITAL TRAJECTORIES, ABORT
ASCENT AND DESCENT ABORT FLIGHT CORRIDORS FOR ORBITAL TRANSPORT VEHICLES,
N66-10610 22D U 41 08 HC$ 5.00 MF$ 1.25

ORBITAL TRAJECTORIES, FLIGHT PATHS
CAPABILITY GUIDE- TRACKING ACCURACY PREDICTION PROGRAM / TAPP MOD I/,
N66-10662 22C U 41 08 HC$ 4.00 MF$ 1.00

ORDNANCE STEEL, METALLOGRAPHY
METALLOGRAPHIC METHODS ETCHING FOR BAINITIC FINE CARBIDES. A METALLOGRAPHIC METHOD FOR REVEALING THE FINE CARBIDES IN BAINITE FORMED DURING CONTINUOUS COOLING IN A NICKEL-CHROMIUM-MOLYBDENUM COMPOSITION,
AD-629 644 11F T 66 08 HC$ 3.60 MF$ 0.50

ORDNANCE, ELECTROMAGNETIC SHIELDING
HERO TEST PROGRAM FOR WEAPON DEVELOPERS. PART I. DEVELOPMENT OF SHIELDING EFFECTIVENESS TESTS.
AD-629 196 19A T 66 08 HC$ 2.60 MF$ 0.50

ORDNANCE, HAZARDS
ON THE INFLUENCE OF REFLECTIONS FROM THE ENVIRONMENT ON HERO TEST RESULTS.
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50

ORES(NONMETALLIC), DEPOSITION
THE SOLUBILITY OF CALCITE IN AQUEOUS SOLUTIONS. I. THE SOLUBILITY OF CALCITE IN WATER BETWEEN 75 DEGREES AND 200 DEGREES AT C02 PRESSURES UP TO 60 ATM,
PB-169 138 8D U 41 07 HC$ 3.00 MF$ 0.50

ORGANIC NITROGEN COMPOUNDS, TEXTILES
BISCARBAMATE-FORMALDEHYDE ADDUCTS.
PATENT 3,226,428 11F U 41 08

ORGANIC COATINGS, CATHODIC PROTECTION
AN INVESTIGATION OF COATINGS USED AS ANODE SCREENS IN CATHODIC PROTECTION (ISSLEDOVANIYE POKRYTIY DLYA PRIMENENIYA IKH V KACHESTVYE OKOLOANODYNKH EKRANOV PRI KATODNOY ZASHCHITYE),
AD-628 196 11C T 66 07

ORGANIC COMPOUNDS, DECOMPOSITION
ULTRASOUND CHEMICAL EFFECTS ON PURE ORGANIC LIQUIDS,
AD-629 295 7C T 66 08

ORGANIC COMPOUNDS, REDUCTION (CHEMISTRY)
SELECTIVE REDUCTIONS. VII. REACTION OF LITHIUM TRIMETHOXYALUMINOHYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS,
AD-629 450 7C T 66 08

ORGANIC COMPOUNDS, SILANES
OZONE: A NEW CLEAVAGE REAGENT FOR ORGANOSILANES,
AD-629 485 7C T 66 08

ORGANIC COMPOUNDS, THEORY
SUBSTITUENT EFFECTS. V. FURTHER EVIDENCE CONCERNING THE NATURE OF THE INDUCTIVE EFFECT,
AD-629 498 7D T 66 08

ORGANIC NITROGEN COMPOUNDS, SYNTHESIS(CHEMISTRY)
NITROALKYLAMINES.
PATENT 3,219,706 7C U 41 08

ORGANIC NITROGEN COMPOUNDS, DECOMPOSITION
THE CLEAVAGE OF PHOSPHORUS TO NITROGEN BONDS WITH HYDROGEN FLUORIDE,
AD-629 744 7C T 66 08

ORGANIC NITROGEN COMPOUNDS, SYNTHESIS(CHEMISTRY)
SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES,
AD-629 492 7C T 66 08

ORGANIC PHOSPHORUS COMPOUNDS, DECOMPOSITION
THE CLEAVAGE OF PHOSPHORUS TO NITROGEN BONDS WITH HYDROGEN FLUORIDE,
AD-629 744 7C T 66 08

ORGANIC PIGMENTS, BIOSYNTHESIS
PRODUCTION OF BETA-CAROTENE.
PATENT 3,226,302 7A U 41 08

ORGANIC SULFUR COMPOUNDS, CRYSTAL STRUCTURE
STRUCTURES OF MERCURY MERCAPTIDES. PART II. X-RAY STRUCTURAL ANALYSIS OF MERCURY ETHYLMERCAPTIDE.
AD-628 569 20B T 66 07

ORGANOBORANES, COPOLYMERIZATION
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

OROGENY, OCEAN BOTTOM TOPOGRAPHY
TRAVELING ON THE BOTTOM OF THE SEA; HOW THE RELIEF OF OCENA AND SEA BOTTOM IS FORMED,
AD-628 192 8J T 66 07 HC$ 5.60 MF$ 0.50

OSCILLATION, MAGNETIC PROPERTIES
TEMPERATURE-OSCILLATION METHOD FOR OBSERVING DE-HAAS-VAN ALPHEN OSCILLATIONS AND OTHER MAGNETIC PHENOMENA,
AD-629 194 20C T 66 08

OSCILLATION, SUSPENSION DEVICES
NONLINEAR OSCILLATIONS OF A GYROSCOPIC PENDULUM WITH AN OSCILLATING POINT OF SUSPENSION,
AD-629 568 20K T 66 08

OSCILLATION, TANKS(CONTAINERS)
SUBHARMONIC OSCILLATIONS IN AN ARBITRARY AXISYMMETRIC TANK RESULTING FROM AXIAL EXCITATION.
N66-12190 20D U 41 08 HC$ 3.00 MF$ 0.75

OSCILLATORS, SEMICONDUCTOR DEVICES
SEMICONDUCTOR INTEGRATED OSCILLATORS.
AD-629 578 9E T 66 08 HC$ 6.00 MF$ 1.25

OSMOSIS, STIMULATION
UBER DAS UNTERSCHIEDLICHE VERHALTEN DER DIURESE BEI

INTRAPORTALEN UND INTRACAVALEN INFUSIONEN VON WASSER UND 0,90/0 NACLLOSUNG AN DER WACHEN RATTE (THE DIFFERENT DIURETIC EFFECTS OF WATER AND ISOTONIC SALINE INFUSION INTO THE PORTAL VEIN AND VENA CAVA OF THE UNANESTHETIZED RAT),
AD-628 372 6P T 66 07

OXIDA TION, PYROLYTIC GRAPHITE
THE OXIDATION OF PYROLYTIC GRAPHITE AT TEMPERATURES OF 1400-1800F AND AT AIR VELOCITIES OF 25-100 CM/SEC,
AD-628 276 11B T 66 07

OXIDATION, GRAPHITE
HIGH-TEMPERATURE KINETICS OF GRAPHITE OXIDATION BY DISSOCIATED OXYGEN.
AD-628 282 11B T 66 07

OXIDES, CHEMICAL PRECIPITATION
EXSOLUTION OF BETA-GA203 CRYSTALLINE SOLUTIONS IN THE SYSTEM MGA1204-GA203,
AD-629 699 11B T 66 08

OXIDES, NITROGEN COMPOUNDS
ANALYSIS OF THE SPECTRUM OF THE NITRIC OXIDE MOLECULE.
AD-628 818 7D T 66 07 HC$ 1.60 MF$ 0.50

OXIDES, PHOTOCHEMISTRY
NITRIC OXIDE PHOTOLYSIS.
N66-11750 7D U 41 08 HC$ 1.00 MF$ 0.50

OXIDES, REFRACTORY MATERIALS
CERTAIN PROPERTIES OF CALCIUM-OXIDE REFRACTORIES,
AD-629 228 11B T 66 08 HC$ 1.00 MF$ 0.50

OXIDIZERS, CHEMICAL REACTIONS
A STUDY OF THE HYDROGEN-FLUORINE REACTION.
AD-628 923 7B T 66 08 HC$ 1.10 MF$ 0.50

OXIDIZERS, OXY CHLORIDES
CONTRIBUTIONS TO THE NATURE OF OXYHALIDES. III. THE NATURE OF CHLORINE DIOXIDE,
AD-628 331 7B T 66 07 HC$ 3.00 MF$ 0.75

OXIDIZERS, TOXICITY
RESEARCH ON THERAPY OF PULMONARY EDEMA ASSOCIATED WITH OXIDIZERS.
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50

OXYCHLORIDES, CHEMICAL PROPERTIES
CONTRIBUTIONS TO THE NATURE OF OXYHALIDES. III. THE NATURE OF CHLORINE DIOXIDE,
AD-628 331 7B T 66 07 HC$ 3.00 MF$ 0.75

OXYGEN, ELECTROCHEMISTRY
COULOSTATIC STUDY OF RESIDUAL OXYGEN IN ELECTRO-CHEMICAL INVESTIGATIONS,
AD-466 907 7D U 41 08 HC$ 2.00 MF$ 0.50

OXYGEN, ACETIC ANHYDRIDES
REACTION OF OXYGEN ATOMS WITH ACETALDEHYDE,
AD-629 748 7C T 66 08

OXYGEN, BAND SPECTRUM
SCHUMANN-RUNGE BANDS OF 02 IN SOLID PHASES: SPECTROSCOPIC MEASUREMENT OF INTERMOLECULAR POTENTIALS,
AD-628 720 7D T 66 07

OXYGEN, CHEMICAL REACTIONS
DISTRIBUTION OF ENERGY IN THE PRODUCTS OF REACTIONS UNDER FLAME AND RELATED CONDITIONS.
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50

THERMAL AND ISOTHERMAL EXPLOSIONS IN THE INHIBITION OF THE H2+02 REACTION BY HYDROCARBONS,
AD-629 245 7D T 66 08

OXYGEN, DIFFUSION
DIFFUSION OF OXYGEN IN MAGNESIUM OXIDE.
AD-629 481 20B T 66 08 HC$ 5.00 MF$ 1.00

OXYGEN, EXCHANGE REACTIONS
A STUDY OF THE FEASIBILITY OF DETECTING EXTRATERRESTRIAL LIFE BASED ON THE EXCHANGE BETWEEN WATER AND OXYANIONS AND A STUDY OF ENERGY EXCHANGE IN AUTOTROPHIC LIFE.
N66-10939 6C U 41 08 HC$ 3.00 MF$ 0.75

OXYGEN, FLAME PROPAGATION
FLAME PROPAGATION UNDER CONDITIONS OF AN IGNITION PENINSULA OF HYDROGEN-OXYGEN MIXTURES,
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50

OXYGEN, FUEL CELLS
DESIGN OF HYDROGEN-OXYGEN CAPILLARY TYPE FUEL CELL.
AD-628 129 10B T 66 07 HC$ 2.60 MF$ 0.50

OXYGEN, PARTICLE BEAMS
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES.
AD-628 066 7D T 66 07 HC$ 1.00 MF$ 0.50

OXYGEN, PHYSICAL PROPERTIES
OXYGEN CONCENTRATION, TEMPERATURE, AND VISCOSITY DETERMINATIONS: POLAROGRAPHIC TECHNIC.
AD-628 892 6E T 66 08 HC$ 1.60 MF$ 0.50

OXYGEN, REDUCTION(CHEMISTRY)
REVERSIBLE OXYGEN ELECTRODES.
AD-628 171 10B T 66 07 HC$ 3.60 MF$ 0.50

OXYGEN, THERMAL RADIATION
MOLECULAR ATMOSPHERIC OXYGEN HORIZON STUDY RADIOMETRIC MEASUREMENT INSTRUMENT.
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75

OXYGEN, TRANSPORT PROPERTIES
ENHANCED CHEMICAL ENERGY TRANSPORT EFFECTS ON CONVECTIVE HEAT FLUXES IN THE HYDROGEN-OXYGEN SYSTEM,
AD-629 247 20M T 66 08

OZONE, ABSORPTION SPECTRUM
OZONE ABSORPTION IN THE 9.0 MICRON REGION.
AD-628 059 7D T 66 07 HC$ 3.00 MF$ 0.75

OZONE, CHEMICAL REACTIONS
OZONE: A NEW CLEAVAGE REAGENT FOR ORGANOSILANES,
AD-629 485 7C T 66 08

O-HETERCYCLIC COMPOUNDS, CLATHERATE COMPOUNDS
UREA INCLUSION COMPOUNDS OF N-ALKYL OXIRANES.
PATENT 3,219,654 6F U 41 07

O-HETEROCYCLIC COMPOUNDS, PLASTICIZERS
MORPHOLIDES OF EPOXIDIZED FATTY ACIDS.
PATENT 3,219,664 11I U 41 07

PACIFIC OCEAN ISLANDS, COMMERCE
REUNION ISLAND.
PB-169 291 5C U 41 07 HC$ 1.00 MF$ 0.50

PACIFIC OCEAN, CARBON DIOXIDE
CARBON DIOXIDE IN SURFACE WATERS OF PACIFIC OCEAN. I. MEASUREMENTS OF THE DISTRIBUTION.
AD-628 242 8J T 66 07

PACIFIC OCEAN, MARINE BIOLOGICAL NOISE
MARINE BIOLOGICAL SOUND WEST OF SAN CLEMENTE ISLAND. DIURNAL DISTRIBUTIONS AND EFFECTS ON AMBIENT NOISE LEVEL DURING JULY 1963.
AD-467 351 20A U 41 07 HC$ 2.00 MF$ 0.50

PACIFIC OCEAN, MARINE GEOLOGY
SUBBOTTOM PROFILE OF ABYSSAL SEDIMENTS IN THE CENTRAL EQUATORIAL PACIFIC,
AD-628 966 8J T 66 08

PACIFIC OCEAN, OCEAN BOTTOM TOPOGRAPHY
GEOLOGIC STUDIES OF SOUTHERN CALIFORNIA SUBMARINE CANYONS.
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75

TRANSCURRENT FAULTING IN THE OCEAN FLOOR,
AD-629 142 8J T 66 08

PACKAGING, TEST EQUIPMENT(ELECTRONICS)
STRESS ANALYSIS OF ENCAPSULATION MATERIALS FOR WELDED MODULES,
AD-628 833 9E T 66 07 HC$ 3.00 MF$ 0.75

PACKING MATERIALS, AGING(MATERIALS)
AGING OF BARRIER MATERIALS.
PB-169 187 13D U 41 08 HC$ 3.00 MF$ 0.50

PAIR PRODUCTION, MATHEMATICAL ANALYSIS
ANALYTIC PROPERTIES OF PARTIAL-WAVE AMPLITUDES FOR PRODUCTION PROCESSES,
AD-629 244 20H T 66 08

PANELS(STRUCTURAL), BUCKLING(MECHANICS)
AN INVESTIGATION OF THE PANEL COLLAPSE STRENGTH OF STIFFENED PLASTIC HEMISPHERES.
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50

PANELS(STRUCTURAL), REINFORCING MATERIALS
STIFFENED PANELS AND WELDED CONTINUOUS FRAMED.
AD-628 978 13M T 66 08 HC$ 1.00 MF$ 0.50

PANELS(STRUCTURAL), SHEAR STRESSES
COMPARISON OF SEVERAL ANALYTICAL SOLUTIONS TO THE SHEAR LAG PROBLEM WITH EXPERIMENTAL DATA.
N66-12976 20K U 41 08 HC$ 3.00 MF$ 0.75

PARABOLIC ANTENNAS, REFLECTORS
REFLECTOR SURFACE DEVIATIONS IN LARGE PARABOLIC ANTENNAS.
AD-629 410 9E T 66 08

PARABOLIC BODIES, FLUID FLOW
ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLOID OF REVOLUTION.
AD-629 577 20D T 66 08 HC$ 2.60 MF$ 0.50

PARAMAGNETIC RESONANCE, CRYSTAL LATTICES
A METHOD FOR E. P. R. MEASUREMENTS OF ORTHORHOMBIC SITES IN A CRYSTAL OF TETRAGONAL SYMMETRY,
AD-628 362 20B T 66 07

PARAMAGNETIC RESONANCE, FREE RADICALS
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

PARAMAGNETIC RESONANCE, IMPURITIES
PARAMAGNETIC IMPURITIES IN METALS AT FINITE TEMPERATURES,
AD-629 174 20L T 66 08

PARAMAGNETIC RESONANCE, MANGANESE
OPTICAL ZEEMAN EFFECT IN THE R1 AND R2 LINES OF MN(4+) IN A1203,
AD-628 346 20L T 66 07

PARAMAGNETIC RESONANCE, YTTERBIUM
PARAMAGNETIC RESONANCE OF YB(3+) IN CAWO4,
AD-628 363 20L T 66 07

PARANASAL SINUSES, GASES
THE EFFECTS OF VARIOUS GASES WITHIN THE NASAL CAVITIES OF

RATS ON THE RESPONSE OF OLFACTORY BULB NEURONS TO X IRRADIATION.
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50

PARAWINGS, AERODYNAMIC CHARACTERISTICS
THEORETICAL AERODYNAMICS OF FLEXIBLE WINGS AT LOW SPEEDS. V. ENGINEERING METHOD FOR ESTIMATING PARAWING PERFORMANCE.
AD-628 579 20D T 66 07 HC$11.60 MF$ 0.75

PARAWINGS, CONTROL SYSTEMS
LOW-SPEED FORCE AND FLIGHT INVESTIGATION OF VARIOUS METHODS FOR CONTROLLING PARAWINGS.
N66-12151 1C U 41 07 HC$ 2.00 MF$ 0.50

PARAWINGS, LOADING(MECHANICS)
LOCAL PLASTIC STRESSES IN SHEET ALUMINUM-ALLOY SPECIMENS WITH STRESS-CONCENTRATION FACTOR OF 2 UNDER CONSTANT-AMPLITUDE LOADING.
N66-12531 1C U 41 07 HC$ 1.00 MF$ 0.50

PARTIAL DIFFERENTIAL EQUATIONS, BOUNDARY VALUE PROBLEMS
A FINITE DIFFERENCE ANALOG OF THE NEUMANN PROBLEM FOR POISSON'S EQUATION.
AD-629 528 12A T 66 08

PARTIAL DIFFERENTIAL EQUATIONS, FUNCTIONS
ON INTEGRATION OF HAMILTON- JACOBI PARTIAL DIFFERENTIAL EQUATION.
N66-11216 12A U 41 08 HC$ 1.00 MF$ 0.50

PARTIAL DIFFERENTIAL EQUATIONS, MATRIX ALGEBRA
GENERALIZED EIGENVECTORS AND SEPARATION OF VARIABLES.
AD-629 085 12A T 66 08

PARTICLE BEAMS, LIGHT
STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS.
AD-628 044 20F T 66 07 HC$ 1.00 MF$ 0.50

PARTICLE BEAMS, SUPERAERODYNAMICS
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES.
AD-628 066 7D T 66 07 HC$ 1.00 MF$ 0.50

PARTICLE SIZE, MEASUREMENT
MEASUREMENT OF PARTICLE SIZE OF COMPONENTS OF GASLESS MIXTURES.
PB-169 368 14B U 41 08 HC$ 3.60 MF$ 0.50

PARTICLE TRAJECTORIES, PLASMA PHYSICS
NONADIABATIC PARTICLE LOSSES IN AXISYMMETRIC AND MULTIPOLAR MAGNETIC FIELDS.
N66-13022 20H U 41 07 HC$ 3.00 MF$ 0.75

PARTICLES, DIFFUSION
A PARTICULATE DIFFUSION EXPERIMENT.
AD-628 609 4B T 66 07

PATHOLOGY, STATISTICAL DATA
A REPORT ON THE AMERICAN REGISTRY OF GEOGRAPHIC PATHOLOGY.
AD-629 313 6E T 66 08

PATTERN RECOGNITION, DECISION THEORY
NON-PARAMETRIC PATTERN RECOGNITION. PART I. THE LOCALLY DISJOINT CASE.
AD-628 706 6D T 66 07 HC$ 1.00 MF$ 0.50

NON-PARAMETRIC PATTERN RECOGNITION. PART II. THE NON-DISJOINT CASE.
AD-628 707 6D T 66 07 HC$ 1.00 MF$ 0.50

A SCHEME FOR LINEAR RECOGNITION BASED ON SELF-DETERMINED INTER-CATEGORY FEATURES.
AD-628 708 6D T 66 07 HC$ 1.00 MF$ 0.50

TWO CLASSES OF NON-PARAMETRIC TECHNIQUES FOR PATTERN RECOGNITION AND THEIR ERROR ANALYSIS.
AD-628 709 6D T 66 07 HC$ 1.00 MF$ 0.50

THE CONSISTENCY OF A NON-PARAMETRIC DECISION PROCEDURE.
AD-628 710 6D T 66 07 HC$ 1.00 MF$ 0.50

PAVE MENTS, CONSTRUCTION
LOCKBOURNE NO. 2, MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 357 13B T 66 07 HC$ 7.60 MF$ 0.75

PAVEMENTS, ACCELERATED TESTING
LOCKBOURNE NO. 1 - TEST TRACK, ACCELERATED TRAFFIC TESTS OF CONCRETE PAVEMENTS.
AD-628 286 13B T 66 07 HC$11.60 MF$ 0.75

PAVEMENTS, CONSTRUCTION
LOCKBOURNE NO. 3, OVERLAY MAT, PAVEMENT OVERLAY INVESTIGATION.
AD-628 140 13B T 66 07 MF$ 0.75

LOCKBOURNE TEST TRACK.
AD-628 359 13B T 66 07 HC$23.40 MF$ 1.25

LOCKBOURNE NO. 2. 300,000 POUND EXPERIMENTAL MAT. REPORT OF CONSTRUCTION.
AD-628 502 13B T 66 08 HC$20.30 MF$ 1.25

PAVEMENTS, FLEXIBLE STRUCTURES
LOCKBOURNE NO. 3 PAVEMENT OVERLAY INVESTIGATION.
AD-628 692 13B T 66 07 HC$23.10 MF$ 1.25

PAVEMENTS, PERFORMANCE(ENGINEERING)
LOCKBOURNE NO. 2 MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 837 13B T 66 07 HC$21.40 MF$ 1.25

PAVEMENTS, STRESSES
DEFLECTIONS AND STRESSES IN CONCRETE PAVEMENTS OF AIRFIELDS WITH CONTINUOUS ELASTIC JOINTS.
AD-628 501 13B T 66 07 HC$20.10 MF$ 1.25

PAVEMENTS, TEST FACILITIES
LOCKBOURNE NO. 1 - TEST TRACK, REPORT OF RECONSTRUCTION.
AD-628 290 13B T 66 07 HC$ 6.60 MF$ 0.75

PAYLOAD, RECOVERY
APPARATUS FOR HIGH-VELOCITY RECOVERY.
PATENT 3,221,656 16C U 41 07

PENETRATION, MECHANICS
THEORETICAL AND EXPERIMENTAL STUDY OF LOW-VELOCITY PENETRATION PHENOMENA.
AD-467 443 20K U 41 08 HC$ 2.00 MF$ 0.50

PEPTIDES, MOLECULAR STRUCTURE
THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. II, THEORY.
AD-628 283 6A T 66 07

THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. I. EXPERIMENTAL RESULTS.
AD-629 282 6A T 66 08

PERCEPTION(PSYCHOLOGY), MOTIVATION
STIMULUS GENERALIZATION AS A FUNCTION OF DRIVE SHIFT.
AD-629 034 5J T 66 08

PERFORMANCE (HUMAN), STRESS(PHYSIOLOGY)
F-101/F-106 FLIGHT SIMULATOR FLASHBLINDNESS EXPERIMENT.
AD-628 552 6S T 66 07 HC$ 1.60 MF$ 0.50

PERFORMANCE TESTS, TOXIC TOLERANCES
THE EFFECT OF INJECTED MONOMETHYLHYDRAZINE ON PRIMATE PERFORMANCE.
AD-628 048 6T T 66 07 HC$ 1.00 MF$ 0.50

PERFORMANCE(HUMAN), MAN-MACHINE SYSTEMS
PERFORMANCE OF HUMAN OPERATORS UNDER VARIOUS SYSTEM PARAMETERS.
N66-10758 5H U 41 08 HC$ 2.00 MF$ 0.50

PERFORMANCE(HUMAN), ARMY PERSONNEL
THE EFFECTS OF PROTECTIVE MASKING UPON SMOKE GENERATOR AND FUEL SUPPLY TEAM PERFORMANCE (AN ANALYSIS OF AN EXPERIMENT CONDUCTED BY THE U. S. ARMY CHEMICAL CORPS).
AD-628 146 15B T 66 07 HC$ 1.60 MF$ 0.50

PERFORMANCE(HUMAN), FACTOR ANALYSIS
FACTORS INFLUENCING THE JUDGMENT OF HUMAN PERFORMANCE.
AD-628 690 5J T 66 07 HC$ 2.00 MF$ 0.50

PERFORMANCE(HUMAN), HIGH ALTITUDES
TROOP PERFORMANCE IN HIGH ALTITUDES.
AD-629 330 6S T 66 08

PERFORMANCE(HUMAN), NOISE
HUMAN PERFORMANCE AS A FUNCTION OF CHANGES IN ACOUSTIC NOISE LEVELS.
AD-628 198 5J T 66 07 HC$ 1.60 MF$ 0.50

PERFORMANCE(HUMAN), PSYCHOMETRICS
INTERACTION OF ABILITY AND MOTIVATION IN PERFORMANCE.
AD-628 244 5J T 66 07

PERFORMANCE(HUMAN), SPACE ENVIRONMENTAL CONDITIONS
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE.
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

PERIODICALS, AUTOMATION
A TAGGING SYSTEM FOR JOURNAL ARTICLES AND OTHER CITABLE ITEMS: A STATUS REPORT.
PB-169 211 5B U 41 07 HC$ 6.00 MF$ 1.50

PERIODICALS, INFORMATION RETRIEVAL
A SERIALS DATA PROGRAM FOR SCIENCE AND TECHNOLOGY. RESULTS OF A FEASIBILITY STUDY.
PB-169 405 5B U 41 08 HC$ 5.00 MF$ 1.00

PEROXIDES, OXIDATION-REDUCTION REACTIONS
THE OXIDATION OF PHENOLS. I. THE OXIDATION OF 2,6-DI-T-BUTYL-4-METHYLPHENOL, 2,6-DI-TBUTYLPHENOL, AND 2,6-DIMETHYLPHENOL WITH PEROXY RADICALS.
AD-629 746 7C T 66 08

PEROXIDES, SUBSTITUTION REACTIONSO
NITROBENZENESULFONYL PEROXIDES AS REAGENTS FOR AROMATIC SUBSTITUTION.
AD-629 477 7C T 66 08

PERSONALITY, MEASUREMENT
A PROCEDURE FOR REDUCING THE EFFECTS OF SLANTING QUESTIONNAIRE RESPONSES TOWARD SOCIAL ACCEPTABILITY.
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50

PERSONALITY, PSYCHOMETRICS
VALIDITY OF PERSONALITY INVENTORIES IN THE NAVAL AVIATION SELECTION PROGRAM.
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50

SET AND CONTENT SCORES FOR PERSONALITY SCALES AND RESPONSE STYLES IN THE MMPI.
AD-628 951 5J T 66 08

PERSONNEL MANAGEMENT, AERONAUTICS
TRANSFERABILITY OF RESEARCH AND DEVELOPMENT SKILLS IN THE AEROSPACE INDUSTRY.
AD-628 544 5I T 66 07 HC$ 4.00 MF$ 1.00

PERSONNEL MANAGEMENT, ATTITUDES

USAF OFFICER EVALUATION SYSTEM SURVEY: ATTITUDES AND EXPERIENCE,
AD-628 551 5I T 66 07 HC$ 8.60 MF$ 0.75

PERSONNEL MANAGEMENT, COMPUTER
HETEROGENEOUS KEY DEVELOPMENT: VOCATIONAL INTERESTS OF COMPUTER PROGRAMMERS.
AD-628 207 5I T 66 07 HC$ 1.00 MF$ 0.50

PERSONNEL MANAGEMENT, CONSTRUCTION
HUMAN FACTORS AS THEY AFFECT METHODS IMPROVEMENT IN CONSTRUCTION.
AD-628 940 5I T 66 08 HC$ 3.00 MF$ 0.75

PERSONNEL MANAGEMENT, DATA PROCESSING SYSTEMS
CLASSIFICATION OF INFORMATION TOPICS BY CLUSTERING INTEREST PROFILES,
AD-628 597 5I T 66 07 HC$ 1.60 MF$ 0.50

PERSONNEL, DETECTION
AURAL DETECTION AND IDENTIFICATION OF THE PRESENCE OF PERSONNEL.
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50

PERTURBA TION THEORY, OPERATORS(MATHEMATICS)
WICK AND GOLDSTONE THEOREMS FOR GENERAL SPIN; ANTIFERROMAGNETIC SPIN WAVES II.
AD-629 141 20J T 66 08 HC$ 2.60 MF$ 0.50

PERTURBATION THEORY, BOUNDARY VALUE PROBLEMS
THE CALCULATION OF UPPER AND LOWER BOUNDS OF ENERGY EIGENVALUES IN PERTURBATION THEORY BY MEANS OF PARTITIONING TECHNIQUE,
AD-628 315 20J T 66 07 HC$ 4.60 MF$ 0.50

PERTURBATION THEORY, CALCULUS OF VARIATIONS
A NOTE ON THE VARIATION-PERTURBATION METHOD FOR EXCITED STATES.
AD-628 120 7D T 66 07 HC$ 1.00 MF$ 0.50

PERTURBATION THEORY, GREEN'S FUNCTION
ON THE GREEN'S FUNCTION METHOD FOR EVALUATING PERTURBATION SUMS,
AD-629 023 12A T 66 08

PERTURBATION THEORY, INTEGRAL EQUATIONS
PERTURBATIONS OF A NONLINEAR VOLTERRA EQUATION,
AD-628 088 12A T 66 07

PERTURBATION THEORY, MEMBRANES
ANALYSE MATHEMATIQUE. EVALUATION PAR DEFAUT DE TOUTES LES FREQUENCES PROPRES D'UNE MEMBRANE A L'AIDE DE COUPURES CHARGEES (SOLUTION BY PERTURBATION OF ALL THE MAIN FREQUENCIES OF A MEMBRANE BY THE METHOD OF LOADED SECTIONS),
AD-629 373 20K T 66 08

PERTURBATION THEORY, SERIES
RENORMALIZED PERTURBATION SERIES OF ELECTRODYNAMICS FROM S-MATRIX THEORY,
AD-628 409 20J T 66 07

PERU, COMMERCE
PERU,
PB-169 261 5C U 41 07 HC$ 6.00 MF$ 1.25

PEST CONTROL, CYCLOSTOMATA
METHOD FOR CONTROLLING PETROMYZON MARINUS.
PATENT 3,219,521 6F U 41 07

PESTICIDES, ABSTRACTS
CBE FACTORS: MONTHLY SURVEY NO. 1.
AD-628 294 6F T 66 07 HC$ 3.00 MF$ 0.75

CBE FACTORS: MONTHLY SURVEY NO. 2.
AD-628 848 6F T 66 07 HC$ 3.00 MF$ 0.75

PETROLOGY, HALOGENS
FRACTIONATION OF FLUORINE, CHLORINE AND OTHER TRACE ELEMENTS DURING DIFFERENTIATION OF A THOLEIITIC MAGMA,
N66-12986 8D U 41 08 HC$ 2.00 MF$ 0.50

PETROLOGY, ONTARIO
THE GEOCHRONOLOGY OF THE BLIND RIVER-BRUCE MINES AREA ONTARIO, CANADA.
AD-629 113 8G T 66 08

PETROLOGY, SHALE
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT,
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

PETROLOGY, X RAY SPECTROSCOPY
OXYGEN DETERMINATIONS IN SILICATES AND TOTAL MAJOR ELEMENTAL ANALYSIS OF ROCKS BY SOFT X-RAY SPECTROMETRY,
AD-629 074 8G T 66 08

PHASE CONTROL DEVICES, TRANSDUCERS
ARRAY PHASING BY VARIABLE-SPEED MAGNETIC DRUMS.
PATENT 3,217,287 9E U 41 07

PHASE DETECTORS, PATENTS
PHASE DETECTOR ASSEMBLY.
PATENT 3,218,479 9E U 41 07

PHASE DISTORTION, COAXIAL CABLES
PHASE STABILITY OF TYPICAL NAVY RADIO FREQUENCY COAXIAL CABLES,
AD-628 682 9A T 66 07 HC$ 1.00 MF$ 0.50

PHASE STUDIES, APPROXIMATION(MATHEMATICS)
LATTICE MODELS FOR COOPERATIVE PHENOMENA. I. SURVEY AND COMPARISON OF APPROXIMATE METHODS,
UCRL-14287 20B U 41 07 HC$ 2.00 MF$ 0.50

PHASE STUDIES, COBALT ALLOYS
DIE KOBALTECKE IM DREISTOFFSYSTEM KOBALT-NIOB-BOR (THE COBALT PHASE IN THE TERTIARY SYSTEM OF COBALT-NIOBIUM-BORON),
AD-629 395 11F T 66 08

PHASE STUDIES, CONDENSATION
PHASE TRANSITIONS IN MATTER,
AD-629 237 7D T 66 08

PHASE STUDIES, MANGANESE ALLOYS
BETA-MANGANESE PHASES IN TERNARY SYSTEMS OF TRANSITION ELEMENTS WITH SILICON, GERMANIUM, OR TIN,
AD-628 648 11F T 66 07

PHASE STUDIES, REACTOR FUELS
PHASE STUDIES OF U20W/O PU-FS ALLOYS,
ANL-6974 18J U 41 08 HC$ 2.00 MF$ 0.50

PHASE STUDIES, TRANSITION ELEMENTS
THE LATTICE STABILITY OF METALS V, VANADIUM, CHROMIUM, COBALT AND NICKEL.
AD-628 985 20B T 66 08 HC$ 1.00 MF$ 0.50

PHASED ARRAYS, RADAR
PHASED ARRAY RADAR STUDIES, 1 JANUARY 1963 TO 1 JULY 1964.
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

PHASED ARRAYS, WAVEGUIDES
MODE THEORY APPROACH TO ARRAYS,
AD-628 778 20N T 66 07 HC$ 3.60 MF$ 0.50

PHASE-LOCKED SYSTEMS, FREQUENCY MODULATION
A COMPARISON OF THE THRESHOLD PERFORMANCE OF THE FREQUENCY DEMODULATOR USING FEEDBACK AND THE PHASE LOCKED LOOP.
PB-169 206 9C U 41 07 HC$ 2.00 MF$ 0.50

PHENOLS, ENDOCRINE GLANDS
ACTION OF RESERPINE, IPRONIAZID AND PYROGALLOL ON NERVE ENDINGS OF THE PINEAL GLAND,
AD-629 054 6O T 66 08

PHENOLS, OXIDATION
THE OXIDATION OF PHENOLS. I. THE OXIDATION OF 2,6-DI-T-BUTYL-4-METHYLPHENOL, 2,6-DI-TBUTYLPHENOL, AND 2,6-DIMETHYLPHENOL WITH PEROXY RADICALS,
AD-629 746 7C T 66 08

PHENYL ETHERS, CHEMICAL REACTIONS
THE REACTIONS OF METHYL- AND N-BUTYLLITHIUM WITH DICHLOROMETHYL METHYL ETHER AND DICHLORODIPHENOXY METHANE,
AD-629 683 7C T 66 08

PHONONS, LINE SPECTRUM
PHONON BROADENING OF IMPURITY SPECTRAL LINES. III. DIAGRAM TECHNIQUE,
AD-628 519 20L T 66 07

PHONONS, MAGNETIC MATERIALS
PHONON GENERATION BY MAGNETIC FILMS.
AD-629 714 20C T 66 08

PHONONS, TUNNELING(ELECTRONICS)
THEORY OF PHONON-ASSISTED TUNNELING IN SEMICONDUCTORS,
AD-628 445 20L T 66 07

PHOSPHATE COATINGS, ADDITIVES
DEVELOPMENT OF AN IMPROVED RINSE SOLUTION FOR PHOSPHATE COATINGS THROUGH ADDITION OF ORGANIC ACIDS.
AD-628 072 11C T 66 07 HC$ 1.00 MF$ 0.50

PHOSPHINES, COMPLEX COMPOUNDS
TRIPHENYLPHOSPHINE-GOLD(0) GOLD(1) COMPOUNDS,
AD-629 303 7D T 66 08

PHOSPHONITRILE CHLORIDES, ABSORPTION SPECTRUM
ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS.
AD-629 551 7B T 66 08

SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES.
AD-629 552 7B T 66 08

PHOSPHONITRILE CHLORIDES, POLYMERIZA TION
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

PHOSPHORESCENT MATERIALS, ELECTRO LUMINESCENCE
IMPROVED PULSED PHOSPHORS.
AD-629 162 20C T 66 08 HC$ 4.00 MF$ 0.75

PHOSPHORUS COMPOUNDS, CHLORIDES
REACTIONS OF CHLOROCARBONIUM IONS.
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50

PHOSPHORUS, NUCLEAR PROPERTIES
PROPERTIES OF THE STATE IN P31 AT 7.14 MEV,
AD-628 882 20H T 66 07

PHOTOCHEMISTRY, ALCOHOLS
THE PHOTOCHEMICAL REACTION OF HYDROGEN PEROXIDE WITH ALLYL ALCOHOL-3,3-D2,
AD-628 086 7E T 66 07

PHOTOCONDUCTIVITY, POTASSIUM COMPOUNDS
PHOTOCONDUCTIVITY OF KBR CONTAINING F CENTERS,

AD-629 033 20L T 66 08

PHOTOELASTICITY, MONOCHROMATIC LIGHT
DYNAMIC STRESS CONCENTRATION USING PHOTOELASTICITY AND A LASER LIGHT SOURCE.
PB-169 142 20K U 41 07 HC$ 1.00 MF$ 0.50

PHOTOELECTRIC EFFECT, DEMODULATORS
COMMUNICATION CHARACTERISTICS OF PHOTOELECTRIC DETECTION.
AD-628 546 9D T 66 07 HC$ 3.00 MF$ 0.75

PHOTOELECTRIC EFFECT, PHOTOMETERS
THREE COLOUR PHOTOELECTRIC PHOTOMETRY OF THE MOON.
AD-628 557 3B T 66 07 HC$ 8.60 MF$ 0.75

PHOTOELECTRIC EFFECT, VOLTAGE
LUMINESCENCE, INFRARED RESPONSE AND ENERGY STORAGE OF VARIOUS LUMINESCENT MATERIALS IN RELATION TO PREPARATIVE METHODS AND CONDITIONS.
AD-628 394 20F T 66 07 HC$ 2.00 MF$ 0.50

PHOTOENGRAVING, MICROMINIATURIZA TION(ELECTRONICS)
MICROCIRCUIT PHOTOMASKS FROM AUTOMATIC TECHNIQUES.
AD-629 513 14E T 66 08

PHOTOGEOLOGY, AFRICA
PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS.
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50

PHOTOGRAMMETRY, AERIAL PHOTOGRAPHY
MATHEMATICAL TARGETING II: THE ANALYSIS OF ANALYTICAL AEROTRIANGULATION TECHNIQUES BY SIMULATION METHODS.
AD-629 628 8B T 66 08 HC$13.60 MF$ 1.00

PHOTOGRAMMETRY, GEODESICS
SIMULATIONS OF GEODETIC POSITIONING BY THE METHOD OF CONTINUOUS TRACES.
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50

PHOTOGRAMMETRY, HIGH ALTITUDE
SOME ASPECTS OF HYPERALTITUDE PHOTOGRAMMETRY. REPORT NO. 1.
N66-12170 8B U 41 08 HC$ 4.00 MF$ 0.75

PHOTOGRAPHIC IMAGES, RADIOGRAPHIC FILM
ARRESTING LATENT-IMAGE FADING IN DOSIMETRIC FILMS.
AD-628 601 14E T 66 07

PHOTOGRAPHIC RECONNAISSANCE, MATHEMATICAL MODELS
STUDY OF IMAGE-EVALUATION TECHNIQUES.
AD-457 952 14E U 41 08 HC$ 2.00

PHOTOGRAPHIC RECORDING SYSTEMS, INFORMATION RETRIEVAL
STUDY OF NIMBUS SATELLITE PHOTOGRAPH ARCHIVES SYSTEM REQUIREMENTS FOR UNITIZED MICROFORM.
PB-169 372 14E U 41 08 HC$ 5.60 MF$ 0.50

PHOTOGRAPHIC RECORDING SYSTEMS, AERO NAUTICS
AN EXPERIMENTAL METHOD FOR DETERMINING THE FLIGHT PATH OF LOW-FLYING AIRCRAFT.
AD-629 453 1B T 66 08 HC$ 1.60 MF$ 0.50

PHOTOINTERPRETATION, AERIAL PHOTOGRAPHY
SOME ASPECTS OF HYPERALTITUDE PHOTOGRAMMETRY. REPORT NO. 1.
N66-12170 8B U 41 08 HC$ 4.00 MF$ 0.75

PHOTO INTERPRETATION OF WHITE SANDS ROCKET PHOTOGRAPHY. REPORT NO. 2.
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75

PHOTOINTERPRETATION, OPTICAL SCANNING
OPTICAL SPOT SIZE STUDY FOR DATA EXTRACTION FROM A TRANSPARENCY.
AD-628 588 17H T 66 07 HC$ 3.00 MF$ 0.75

PHOTOLYSIS, ENERGY
MONOENERGETIC PHOTOLYTIC REACTIONS.
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

PHOTOMETERS, LUNAR ENVIRONMENT
PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES.
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50

PHOTOMETERS, PHOTOELECTRIC EFFECT
THREE COLOUR PHOTOELECTRIC PHOTOMETRY OF THE MOON.
AD-628 557 3B T 66 07 HC$ 8.60 MF$ 0.75

PHOTOMICROSCOPY, LAMINAR BOUNDARY LAYER
MEASUREMENT OF LAMINAR VELOCITY PROFILES WITH NON-NEWTONIAN ADDITIVES USING PHOTOMICROSCOPY.
AD-628 568 20D T 66 07 HC$ 2.00 MF$ 0.50

PHOTONS, COMPTON SCATTERING
REGGE POLES IN QUANTUM ELECTRODYNAMICS WITH MASSIVE PHOTONS.
AD-628 288 20H T 66 07

PHOTONS, GAS IONIZATION
MULTIPHOTON IONIZATION OF RARE GAS AND HYDROGEN ATOMS.
AD-628 724 7E T 66 07

PHOTONS, PULSES(ELECTROMAGNETIC)
PHOTON ECHOES.
AD-629 445 20E T 66 08

PHOTONS, RESONANCE SCATTERING
RESONANCE SCATTERING OF LYMAN-ALPHA RADIATION BY HYDROGEN IN THE GROUND STATE.
AD-628 493 20F T 66 07 HC$ 2.60 MF$ 0.50

PHOTONUCLEAR REACTIONS, HYDROGEN
POLARIZATION OF THE RECOIL PROTON FROM PI(0) 0 PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

PHOTONUCLEAR REACTIONS, LASERS
PROCESSUS MULTIPHOTONIQUES PROGGUES PAR UN LASER (MULTI-PHOTON PROCESSES BROUGHT ABOUT BY A LASER).
PB-169 161 20H U 41 07 HC$ 1.00 MF$ 0.50

PHOTOPERIODISM, BIRDS
CIRCADIAN RHYTHM AND THE PHOTOPERIODIC REGULATION OF THE ANNUAL REPRODUCTIVE CYCLE IN BIRDS.
AD-628 688 6C T 66 07

PHOTOSYNTHESIS, OXIDATION-REDUCTION REACTIONS
INTERACTION BETWEEN CHLOROPHYLL AND HYDROQUINONE.
AD-628 905 6A T 66 08

PHYSICAL FITNESS, HIGH ALTITUDE
LACTIC ACID PHYSICAL FITNESS AND HIGH ALTITUDE.
AD-628 713 6N T 66 07 HC$ 2.00 MF$ 0.50

PHYSICAL PROPERTIES, ANALYSIS
IMPROVEMENT OF UNCOUPLED HARTREE-FOCK EXPECTATION VALUES FOR PHYSICAL PROPERTIES.
N66-11749 20J U 41 08 HC$ 1.00 MF$ 0.50

PHYSICAL PROPERTIES, URANIUM ALLOYS
THE HEAT-TREATABILITY AND PROPERTIES OF URANIUM ALLOYS.
AD-628 155 11F T 66 07

PHYSICS, SCIENTIFIC RESEARCH
JOINT REPORT TO AIR FORCE OFFICE OF SCIENTIFIC RESEARCH AND OFFICE OF NAVAL RESEARCH.
AD-628 256 20J T 66 07 HC$ 1.00 MF$ 0.50

PHYSICS, SYMPOSIA
REPORT TO THE OFFICE OF NAVAL RESEARCH.
AD-629 014 20J T 66 08 HC$ 3.00 MF$ 0.75

PHYSIOLOGY, HIGH ALTITUDE
EXPEDITION TO THE COLOMBIAN ANDES (4TH).
AD-466 169 6P U 41 07 HC$ 2.00 MF$ 0.50

PHYSIOLOGY, RADIOACTIVE ISOTOPES
PHYSIOLOGICAL STUDIES EMPLOYING RADIOISOTOPES.
TID-3515 18B U 41 07 HC$ 6.00 MF$ 1.50

PHYSIOLOGY, SYMPOSIA
CONFERENCE OF THE I. P. PAVLOV ALL-UNION PHYSIOLOGICAL SOCIETY (NO.10), EREVAN, 1964. VOLUME I: ABSTRACTS OF SYMPOSIA PAPERS.
AD-628 309 6P T 66 07 HC$31.90 MF$ 1.50

PIERS, WOOD
EXPERIMENTAL WOOD PILING TREATMENTS FY-64.
AD-456 491 11L U 41 07 HC$ 1.00

PIGEONS, EAR
FUNCTIONAL PROPERTIES OF THE EFFERENT COCHLEAR BUNDLE OF THE PIGEON REVEALED BY STEREOTAXIC STIMULATION.
AD-629 095 6C T 66 08

PIGMENTS, LIGHT TRANSMISSION
INVESTIGATION OF LIGHT SCATTERING IN HIGHLY REFLECTING PIGMENTED COATINGS.
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50

PIGMENTS, RARE EARTH COMPOUNDS
CHEMISTRY OF RARE EARTH AND ACTINIDE DERIVATIVES TETRAPYRROL PIGMENT DERIVATIVES OF RARE EARTH ELEMENTS AND ACTINIDES: ANALYTICAL SURVEY.
AD-629 515 7C T 66 08 HC$ 2.00 MF$ 0.50

PILOTS, ERRORS
VERTIGO AS A CAUSE OF PILOT ERROR IN JET AIRCRAFT.
AD-468 151 6S U 41 07 HC$ 1.00 MF$ 0.50

PIONS, MESON REACTIONS
ABSORPTIVE CORRECTIONS AND FORM FACTORS IN THE PERIPHERAL MODEL.
AD-629 020 20H T 66 08

PIPE BENDS, CAVITATION
LIQUID CAVITATION STUDIES IN CIRCULAR PIPE BENDS.
N66-13237 20D U 41 07 HC$ 1.00 MF$ 0.50

PIPERIDINES, PLASTICIZERS
VINYL CHLORIDE RESINS PLASTICIZED WITH N-ACYL DERIVATIVES OF SUBSTITUTED PIPERIDINE.
PATENT 3,219,614 11I U 41 07

PIPES, PERFORMANCE(ENGINEERING)
EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

PITCH DISCRIMINATION, VOICE COMMUNICATION SYSTEMS
A COMPUTER FOR VOCODER PITCH EXTRACTION.
AD-629 361 9B T 66 08 HC$ 2.00 MF$ 0.50

PITCH(MOTION), BODIES OF REVOLUTION
THE FORCE AND MOMENT ON A SLENDER BODY OF REVOLUTION MOVING NEAR A WALL.
AD-628 161 20D T 66 07 HC$ 1.60 MF$ 0.50

PITUITARY GLAND, PATHOLOGY
VASOPRESSOR AND OXYTOCIC ACTIVITIES IN HUMAN HYPOTHALAMUS, POSTERIOR AND ANTERIOR LOBES OF THE PITUITARY GLAND.
AD-629 559 6P T 66 08

PITUITARY HORMONES, MUSCLES
A RELATIONSHIP BETWEEN ADRENALINE AND THE MODE OF ACTION OF

OXYTOCIN AND OESTROGEN ON VASCULAR SMOOTH MUSCLE,
AD-628 389 6P T 66 07

PITUITARY HORMONES, SECRETION
RELEASE OF VASOPRESSIN FROM ISOLATED GUINEA PIG POSTERIOR PITUITARIES,
AD-629 599 6P T 66 08

PITUITARY HORMONES, THALAMUS
VASOPRESSOR AND OXYTOCIC ACTIVITIES IN HUMAN HYPOTHALAMUS, POSTERIOR AND ANTERIOR LOBES OF THE PITUITARY GLAND,
AD-629 559 6P T 66 08

PLANETARY ATMOSPHERES, MAGNETIC FIELDS
ON THE FLOW OF A MAGNETIZED SOLAR WIND AROUND THE MOON,
N66-10681 20H U 41 08 HC$ 1.00 MF$ 0.50

A QUASI-STATIONARY CO-ROTATING STRUCTURE IN THE INTERPLANETARY MEDIUM,
N66-11213 3A U 41 08 HC$ 2.00 MF$ 0.50

PROTONS AND HELIUM NUCLEI WITHIN INTERPLANETARY MAGNETIC REGIONS WHICH COROTATE WITH THE SUN,
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50

PLANETARY ATMOSPHERES, MASS SPECTROSCOPY
A FEASIBILITY STUDY OF THE MASS SPECTROMETER INSTRUMENTATION FOR THE ANALYSIS OF THE MARTIAN ATMOSPHERE.
N66-11743 14B U 41 08 HC$ 6.00 MF$ 1.50

PLANETARY ATMOSPHERES, SCIENTIFIC RESEARCH
EXPERIMENTAL AND THEORETICAL STUDIES IN PLANETARY AERONOMY.
N66-12248 4A U 41 08 HC$ 4.00 MF$ 1.00

PLANETARY ATMOSPHERES, TRANSPORT PROPERTIES
SCATTERING MATRICES AND RECIPROCITY RELATIONSHIPS FOR VARIOUS REPRESENTATIONS OF THE STATE OF POLARIZATION,
AD-629 556 4A T 66 08 HC$ 4.60 MF$ 0.50

PLANETS, EPHEMERIDES
GENERATION OF PLANETARY EPHEMERIDES ON AN ELECTRONIC COMPUTER.
AD-629 130 3A T 66 08 HC$ 8.60 MF$ 0.75

PLANETS, MAPPING
THE BISTATIC CONTINUOUS-WAVE RADAR METHOD FOR THE STUDY OF PLANETARY SURFACES.
N66-12967 3B U 41 08 HC$ 1.00 MF$ 0.50

PLANKTON, OCEAN BOTTOM
MIGRANT SOUND SCATTERERS: INTERACTION WITH THE SEA FLOOR,
AD-628 965 8A T 66 08

PLANTS (BOTANY), RADIATION EFFECTS
VALUE OF INDUCED MUTATIONS FOR QUANTITA- TIVE CHARACTERS IN PLANT BREEDING,
CONF 551-3 6C U 41 08 HC$ 1.00 MF$ 0.50

PLANTS(BOTANY), METABOLISM
EFFECT OF PHOSPHORYLATED COMPOUNDS AND INHIBITORS ON C02 FIXATION BY INTACT SPINACH CHLOROPLASTS,
AD-628 270 6A T 66 07

PLANTS(BOTANY), SOLAR RADIATION
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. V. SOLAR RADIATION MEASUREMENTS AT NEOTOMA.
TID-21357 6F U 41 08 HC$ 3.00 MF$ 0.75

PLANTS(BOTANY), SOUTHEAST ASIA
VEGETATION OF SOUTHEAST ASIA STUDIES OF FOREST TYPES 1963-1965,
AD-629 181 2F T 66 08 HC$30.90 MF$ 1.50

PLASMA ACCELERATORS, ELECTRICAL CONDUCTANCE
ELECTRICAL CONDUCTIVITY MEASUREMENTS IN A FARADAY ACCELERATOR,
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50

PLASMA ENGINES, EXHAUST GASES
DENSITY OF PULSED PLASMA.
AD-628 516 20I T 66 07 HC$ 2.60 MF$ 0.50

PLASMA GENERATORS, EXPLODING WIRES
DEVELOPMENT OF AN ULTRAFAST MODERATE ENERGY PULSE POWER SYSTEM.
AD-628 506 10B T 66 07 HC$30.70 MF$ 1.50

PLASMA JETS, ANODES
AN ANODE COMPARISON STUDY IN A WALL-STABILIZED ARGON ARC.
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75

PLASMA JETS, SPECTROSCOPY
PLASMA ARC STUDIES FOR ALLOY ANALYSIS.
AD-629 068 11F T 66 08 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, ANALYSIS
EXPERIMENTAL DETERMINATION OF ION EXCITATION ENERGIES AND DENSITIES IN A LOW PRESSURE DISCHARGE.
AD-628 795 20I T 66 07 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, ATOMIC SPECTROSCOPY
THEORY OF WING BROADENING OF THE HYDROGEN LYMAN-ALPHA LINE BY ELECTRONS AND IONS IN A PLASMA,
AD-628 464 20I T 66 07

PLASMA MEDIUM, CYCLOTRON WAVES
CYCLOTRON WAVES IN A COLLISIONLESS PLASMA.
N66-12532 20I U 41 07 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, DENSITY
DENSITY OF PULSED PLASMA.
AD-628 516 20I T 66 07 HC$ 2.60 MF$ 0.50

PLASMA MEDIUM, ELECTRICAL CON DUCTANCE
DIRECT ENERGY CONVERSION SYSTEMS. PART I. ELECTRICAL CONDUCTIVITY OF PARTIALLY IONIZED GASES.
AD-628 528 20I T 66 07 HC$ 3.00 MF$ 0.50

NEGATIVE CONDUCTIVITY IN PARTIALLY IONIZED GASES.
PB-169 191 20I U 41 08 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, ELECTRONS
THERMODYNAMIC PROPERTIES OF AN ELECTRON PLASMA,
AD-628 317 20I T 66 07 HC$ 3.60 MF$ 0.50

FORM OF THE ELECTRON DISTRIBUTION FUNCTION IN A TIME-VARYING PLASMA,
AD-628 637 20I T 66 07

PLASMA MEDIUM, FLUID FLOW
MAGNETIC INTERACTION EXPERIMENTS WITH SHOCK IONIZED NEON,
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, GAS DISCHARGES
STUDY OF TRANSIENT PHENOMENA IN LOW PRESSURE GAS DISCHARGE PLASMAS.
AD-629 496 20I T 66 08 HC$ 2.60 MF$ 0.50

PLASMA MEDIUM, GAS FLOW
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

PLASMA MEDIUM, HEATING
ION CYCLOTRON RESONANCE HEATING OF AN INHOMOGENEOUS PLASMA COLUMN.
PB-169 192 20I U 41 08 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, HYPERSONIC FLOW
HYPERSONIC RAREFIED PLASMA FLOW.
AD-628 924 20I T 66 08 HC$ 1.10 MF$ 0.50

PLASMA MEDIUM, LANGMUIR PROBES
THE ADMITTANCE AND RESONANCE PROBE CHARACTERISTICS OF A SPHERICAL PLASMA PROBE.
AD-628 186 20I T 66 07 HC$ 7.60 MF$ 0.75

PLASMA MEDIUM, MICROWAVES
MICROWAVE DIAGNOSTICS OF ARC-HEATED NITROGEN AND AIR PLASMAS.
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50

FOREIGN SCIENCE BULLETIN VOL. 2, NO. 2.
AD-628 946 5A T 66 08 HC$ 3.00 MF$ 0.75

PLASMA MEDIUM, PROBES(ELECTRO MAGNETIC)
PLASMA DENSITY BY ION BEAM PROBING; DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

PLASMA MEDIUM, PRODUCTION
RESEARCH ON ROTATING RF FIELD PLASMA.
AD-628 930 20I T 66 08 HC$ 1.60 MF$ 0.50

PLASMA MEDIUM, RADIO WAVES
INDEX OF REFRACTION SURFACES FOR PLASMA WAVES,
AD-628 273 20I T 66 07

PLASMA MEDIUM, SHOCK WAVES
NON-LINEAR MOTION OF TWO ION STREAMS IN A BACKGROUND OF HIGH TEMPERATURE ELECTRONS.
PB-169 190 20I U 41 08 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, STABILITY
VOLUME AND SURFACE INSTABILITY IN SLIDING PLASMAS.
N66-13016 20I U 41 07 HC$ 1.00 MF$ 0.50

COLLISION-INDUCED INSTABILITY IN A MAGNETOACTIVE PLASMA.
PB-169 188 20I U 41 07 HC$ 2.00 MF$ 0.50

PLASMA OSCILLATIONS, CYCLOTRON RESONANCE PHENOMENA
ECHO PHENOMENA.
AD-629 535 20I T 66 08

PLASMA OSCILLATIONS, ELECTRON BEAMS
PLASMA OSCILLATIONS.
AD-628 327 20I T 66 07 HC$ 1.00 MF$ 0.50

PLASMA OSCILLATIONS, HIGH FREQUENCY
HIGH-FREQUENCY OSCILLATIONS RESULTING FROM THE INTERACTION OF AN ELECTRON BEAM WITH PLASMA,
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50

PLASMA OSCILLATIONS, IONOSPHERE
INCOHERENT SCATTER FROM PLASMA OSCILLATIONS IN THE IONOSPHERE,
AD-629 337 4A T 66 08

PLASMA OSCILLATIONS, RESONANCE
HARMONIC GENERATION BY A NONLINEAR PLASMA CYLINDER.
AD-628 518 20I T 66 07

PLASMA PHYSICS, CHARGED PARTICLES
ELECTRON COLLISION FREQUENCY VERSUS CHARGED PARTICLE SEEDING,
AD-628 777 20I T 66 07 HC$ 2.60 MF$ 0.50

PLASMA PHYSICS, ELECTRON BEAMS
HIGH-PERVEANCE ELECTRON BEAM-PLASMA INTERACTION REPORT ON AN

EXPERIMENT IN THE LONG SOLENOID FACILITY AT OAK RIDGE NATIONAL LABORATORY,
CONF-471-45 20I U 41 07 HC$ 1.00 MF$ 0.50

PLASMA PHYSICS, IONOSPHERE
IDEALISED PROBLEMS CONCERNING THE MOTION OF CYLINDRICAL PLASMA SHEETS IN A MAGNETIC FIELD, WITH APPLICATIONS OF GEOPHYSICAL INTEREST,
AD-628 320 8N T 66 07 HC$ 2.00 MF$ 0.50

ENHANCEMENT OF PLASMA DENSITY FLUCTUATIONS BY NONTHERMAL ELECTRONS,
AD-629 336 4A T 66 08

PLASMA PHYSICS, KINETIC THEORY
THE GENERAL CONSERVATION LAWS IN A DILUTE PLASMA,
AD-628 292 20I T 66 07

PLASMA PHYSICS, RADIO TRANSMISSION
THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. I. KINETICS OF HIGH-TEMPERATURE AIR IN THE PRESENCE OF AN ELECTROMAGNETIC FIELD.
AD-628 906 20I T 66 08

THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. II. NONLINEAR REFLECTION AND TRANSMISSION COEFFICIENTS OF AN INHOMOGENEOUS PLASMA SLAB.
AD-628 910 20I T 66 08

PLASMA PHYSICS, SHOCK WAVES
EXPERIMENTAL STUDY OF SHOCK WAVE FORMATION IN AN ALMOST COLLISIONFREE PLASMA,
AD-629 358 20I T 66 08

PLASMA PHYSICS, THERMO NUCLEAR REACTIONS
SEMIANNUAL STATUS REPORT OF THE LASL CONTROLLED THERMONUCLEAR RESEARCH PROGRAM FOR PERIOD ENDING OCTOBER 31, 1965.
LA-3434 18A U 41 07 HC$ 3.00 MF$ 0.75

PLASMA PHYSICS, THERMODYNAMICS
THERMODYNAMICS OF A MHD-PLASMA WITH INFINITE ELECTRICAL CONDUCTIVITY,
AD-629 262 20I T 66 08

PLASMA PHYSICS, TWO-PHASE FLOW
NONLINEAR EFFECTS IN THE TWO-STREAM INSTABILITY,
AD-628 729 20I T 66 07

PLASMA SHEATH, ATMOSPHERE ENTRY
ELECTRON AND ION DENSITY AHEAD OF AIR SHOCK WAVES.
AD-628 143 20I T 66 07 HC$ 1.10 MF$ 0.50

ESTIMATES OF NONEQUILIBRIUM IONIZATION PHENOMENA IN THE INVISCID APOLLO PLASMA SHEATH,
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75

PLASMA SHEATH, HYPERSONIC FLIGHT
MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

PLASMA SHEATH, REENTRY VEHICLES
THE RADAR ABSORPTION EFFECT CAUSED BY VERY THIN PLASMA SHEATHS.
AD-444 071 17I U 41 08 HC$ 1.00

PLASTIC COATINGS, CORROSION INHIBITION
PROTECTION OF STEEL AND LIGHT ALLOYS WITH POLYVINYL BUTYRAL PHOSPHATIZING PRIMERS VL-023,
AD-628 185 11C T 66 07 HC$ 1.00 MF$ 0.50

PLASTIC COATINGS, SHIP HULLS
PLASTICS-BASED ANTICORROSIVE COATINGS NO. 28. SYNTHETIC COATINGS FOR SHIPS' HULLS.
AD-629 731 11C T 66 08 HC$ 1.10 MF$ 0.50

PLASTICITY, METALS
ON TIME-INDEPENDENT PLASTICITY AND METALS UNDER COMBINED STRESS AT ELEVATED TEMPERATURE.
AD-628 856 20K T 66 07 HC$ 2.60 MF$ 0.50

PLASTICIZERS, N-HETEROCYCLIC COMPOUNDS
N-OLEOYL-2-ETHYLETHYLENIMINE.
PATENT 3,219,659 11I U 41 07

PLASTICIZERS, AMIDES
DIESTERAMIDE PLASTICIZERS.
PATENT 3,226,403 11I U 41 08

PLASTICIZERS, N-HETEROCYCLIC COMPOUNDS
VINYL CHLORIDE RESINS PLASTICIZED WITH N-ACYL DERIVATIVES OF SUBSTITUTED PIPERIDINE.
PATENT 3,219,614 11I U 41 07

PLASTICIZERS, N-HETEROCYCLIC COMPOUNDS
VINYL CHLORIDE RESINS AND BUTADIENE RUBBERS WITH N-ACYL DERIVATIVES OF CYCLIC IMINES.
PATENT 3,219,612 11I U 41 07

PLASTICIZERS, O-HETEROCYCLIC COMPOUNDS
MORPHOLIDES OF EPOXIDIZED FATTY ACIDS.
PATENT 3,219,664 11I U 41 07

PLASTICS, AIRFRAMES
A PRELIMINARY STUDY TO DETERMINE THE FEASIBILITY OF REINFORCED PLASTIC COLUMN MEMBERS FOR AIRCRAFT STRUCTURES.
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75

PLASTICS, CYLINDRICAL BODIES
HYDROSTATIC PRESSURE TESTS OF CYLINDERS FABRICATED FROM HOLLOW-FILAMENT, GLASSREINFORCED PLASTIC,
AD-628 442 20D T 66 07 HC$ 1.00 MF$ 0.50

PLASTICS, LANDING GEAR
REINFORCED PLASTIC LANDING GEAR FOR UH-1 HELICOPTER.
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00

PLASTICS, PREPARATION
NITROGEN-CONTAINING POLYMERS AND PREPARATION OF SAME.
PATENT 3,225,016 11I U 41 08

PLASTICS, VISCOELASTICITY
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

PLUTONIUM ALLOYS, CERAMIC MATERIALS
REACTOR FUELS AND MATERIALS DEVELOPMENT PLUTONIUM RESEARCH APRIL-JUNE 1965,
MLM-1283 18J U 41 07 HC$ 4.00 MF$ 0.50

PLUTONIUM ALLOYS, ELECTROMAGNETIC PUMPS
AN EXPERIMENTAL DC ELECTROMAGNETIC PUMP FOR A MOLTEN PLUTONIUM ALLOY,
LA-3240 13K U 41 07 HC$ 2.00 MF$ 0.50

PLUTONIUM ALLOYS, GALLIUM ALLOYS
SPECTROPHOTOMETRIC DETERMINATION OF GALLIUM IN PLUTONIUM-GALLIUM ALLOY,
NBL-228 7D U 41 08 HC$ 1.00 MF$ 0.50

PLUTONIUM, ELECTROCHEMISTRY
CONTINUOUS ELECTROWINNING OF PLUTONIUM METAL. SCALEUP STUDIES: PROGRESS REPORT,
RL-SEP-244(DEL.) 7B U 41 07 HC$ 2.00 MF$ 0.50

PLUTONIUM, ISOTOPE AVAILABILITY
PRODUCTION OF TRANSPLUTONIUM ELEMENTS AT SAVANNAH RIVER,
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50

PLUTONIUM, MECHANICAL PROPERTIES
THE FATIGUE BEHAVIOR OF PU - 1.0 W/O GA DELTA STABILIZED PLUTONIUM,
BNWL-16 11F U 41 07 HC$ 1.00 MF$ 0.50

PLUTONIUM, MICROSTRUCTURE
A METALLOGRAPHIC HOT-STAGE FOR PLUTONIUM,
RFP-548 18D U 41 07 HC$ 1.00 MF$ 0.50

PLUTONIUM, NUCLEAR PHYSICS LABORATORIES
PLUTONIUM ABSTRACTS. VOLUME 5, NUMBER 9.
BNWL-113-9 11F U 41 08 HC$ 2.00 MF$ 0.50

PNEUMATIC BRAKES, TURBINE PARTS
APPARATUS FOR ABSORBING AND MEASURING POWER.
PATENT 3,221,547 10A U 41 07

POLARIZATION, PROTONS
DYNAMIC NUCLEAR POLARIZATION BY ASPHALTENE RADICALS: EFFECTS OF COLLOID SIZE AND SOLVENT DIFFUSION,
AD-629 507 7D T 66 08

POLARIZATION, SURFACES
THEORETICAL CURVES OF BACKSCATTERING CROSS SECTIONS OF ROUGH SURFACES FOR SEVERAL POLARIZATION STATES USING TWO STATISTICAL MODELS,
N66-10957 20N U 41 08 HC$ 3.00 MF$ 0.50

POLAROGRAPHIC ANALYSIS, OXYGEN
OXYGEN CONCENTRATION, TEMPERATURE, AND VISCOSITY DETERMINATIONS: POLAROGRAPHIC TECHNIC.
AD-628 892 6E T 66 08 HC$ 1.60 MF$ 0.50

POLITICAL SCIENCE, BIBLIOGRAPHIES
SDC DOCUMENTS APPLICABLE TO STATE AND LOCAL GOVERNMENT PROBLEMS.
AD-628 405 5D T 66 07 HC$ 1.00 MF$ 0.50

POLITICAL SCIENCE, UNITED STATES
WEIGHTED VOTING: A MATHEMATICAL ANALYSIS FOR INSTRUMENTAL JUDGMENTS,
AD-629 555 5D T 66 08 HC$ 3.60 MF$ 0.50

POLY MERS, MOLECULAR STRUCTURE
THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. II, THEORY,
AD-628 283 6A T 66 07

POLY MERS, STABILITY
EFFECT OF WATER AND PARTICULATE CONTAMINATES ON POLYMER SHEAR STABILITY.
AD-628 073 11H T 66 07 HC$ 1.00 MF$ 0.50

POLYAMIDE PLASTICS, CROSS LINKING(CHEMISTRY)
CROSS-LINKED POLY- AND INTERPOLY(AMIDEACETALS).
PATENT 3,223,683 11A U 41 08

POLYAMIDE PLASTICS, PREPARATION
CARBOHYDRATE DERIVED POLYAMIDES.
PATENT 3,225,012 11I U 41 08

POLYCYCLIC COMPOUNDS, CHEMICAL BONDS
THE HEAT OF COMBUSTION AND STRAIN ENERGY OF 2,2-PARACYCLOPHANE,
AD-629 467 7D T 66 08

POLYCYCLIC COMPOUNDS, CHEMICAL EQUILIB RIUM
BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IBRATION STUDIES OF SOME SUBSTITUTED DIBENZO BICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES,
AD-629 547 7C T 66 08

POLYCYCLIC COMPOUNDS, FREE RADICALS

HYDROCARBON DIANION RADICALS,
AD-629 549 7C T 66 08

POLYCYCLIC COMPOUNDS, MOLECULAR ORBITALS
MOLECULAR ORBITAL THEORY IN ORGANIC CHEMISTRY.
AD-628 297 7C T 66 07 HC$ 1.60 MF$ 0.50

POLYCYCLIC COMPOUNDS, POLYMERS
THEORETICAL STUDIES ON THE DEGRADATION OF LADDER POLYMERS. PART II. VAPORIZATION STUDIES.
AD-629 740 7C T 66 08 HC$ 5.60 MF$ 0.75

POLYCYCLIC COMPOUNDS, SYNTHESIS (CHEMISTRY)
STUDIES IN RING EXPANSION,
AD-628 733 7C T 66 07 HC$ 2.00 MF$ 0.50

POLYESTER PLASTICS, DIELECTRIC FILMS
PRODUCTION ENGINEERING MEASURE POLYCARBONATE PLASTIC FILM.
AD-629 733 11I T 66 08 HC$ 1.00 MF$ 0.50

POLYESTER PLASTICS, SHIP HULLS
POLYESTER GLASS PLASTICS FOR SHIPBUILDING,
AD-628 097 13J T 66 07 HC$ 6.00 MF$ 1.25

POLYETHYLENE PLASTICS, COMPRESSIVE PROPERTIES
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC COMPRESSIBILITIES OF POLYMERIC MATERIALS,
AD-628 716 20K T 66 07

POLYETHYLENE PLASTICS, PROTECTIVE COATINGS
METHODS OF OXYGEN-PROOFING OF POLYETHYLENES.
PATENT 3,219,653 11I U 41 07

POLYMERIZATION, DIELECTRIC PROPERTIES
THE EFFECT OF DIELECTRIC CONSTANT ON THE RATE OF ANIONIC POLYMERIZATION,
AD-629 742 7C T 66 08

POLYMERS, COMPRESSIVE PROPERTIES
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC COMPRESSIBILITIES OF POLYMERIC MATERIALS,
AD-628 716 20K T 66 07

POLYMERS, DEGRADATION
THEORETICAL STUDIES ON THE DEGRADATION OF LADDER POLYMERS. PART II. VAPORIZATION STUDIES.
AD-629 740 7C T 66 08 HC$ 5.60 MF$ 0.75

POLYMERS, FILMS
WELDING OF POLYMER FILMS,
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

POLYMERS, FLUID DYNAMIC PROPERTIES
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART I. MECHANISM OF DRAG REDUCTION.
AD-628 685 20D T 66 07 HC$ 3.00 MF$ 0.75

FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART II. EQUIPMENT FOR DETERMINING FLOW BEHAVIOR.
AD-628 686 20D T 66 07 HC$ 2.00 MF$ 0.50

POLYMERS, HIGH-TEMPERATURE RESEARCH
AN EXPLORATORY STUDY OF A NEW CLASS OF STEPLADDER AND LADDER POLYMERS, POLYIMIDAZOPYRROLONES.
N66-12530 7C U 41 07 HC$ 1.00 MF$ 0.50

POLYMERS, METALORGANIC COMPOUNDS
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

POLYMERS, MOLECULAR STRUCTURE
THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. I. EXPERIMENTAL RESULTS,
AD-629 282 6A T 66 08

POLYMERS, NUCLEAR MAGNETIC RESONANCE
PROTON MAGNETIC RESONANCE LINE WIDTH AS A FUNCTION OF POLYMER TACTICITY,
AD-629 747 7D T 66 08

POLYMERS, OPTICAL PROPERTIES
CALCULATION OF CRYSTAL BIREFRINGENCE AND INFRARED DICHROISM IN POLYMERIC SAMPLES FROM X-RAY POLE FIGURE DATA.
AD-628 503 11I T 66 07 HC$ 3.60 MF$ 0.50

POLYMERS, POSITRONS
A THIRD POSITRON LIFETIME IN SOLID POLYMERS,
AD-629 086 7E T 66 08

POLYMERS, SEMICONDUCTORS
FOREIGN SCIENCE BULLETIN VOL. 2, NO. 2.
AD-628 946 5A T 66 08 HC$ 3.00 MF$ 0.75

POLYMERS, SEPARATION
MATERIALS ANALYTICAL RESEARCH.
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50

POLYMERS, SYNTHESIS(CHEMISTRY)
PLASTICS (SELECTED ARTICLES).
AD-629 165 11I T 66 08 HC$ 4.60 MF$ 0.50

POLYMERS, TRIAZINES
NITROGEN-CONTAINING POLYMERS AND PREPARATION OF SAME.
PATENT 3,225,016 11I U 41 08

POLYMERS, VISCOELASTICITY
VISCOELASTIC BEHAVIOR OF POLYMERS AT LONG TIMES.
N66-11746 11I U 41 08 HC$ 1.00 MF$ 0.50

N66-12985 11J U 41 08 HC$ 1.00 MF$ 0.50

POLYNOMIALS, APPROXIMATION (MATHEMATICS)
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS ON THE LOCUS OF THE INTERPOLATION POINTS,
AD-629 626 12A T 66 08

POLYNOMIALS, APPROXIMATION(MATHEMATICS)
POLYNOMIALS OF BEST APPROXIMATION ON AN INTERVAL, II,
AD-629 538 12A T 66 08

BOUNDED POLYNOMIAL APPROXIMATION,
AD-629 593 12A T 66 08

POLYNOMIALS, MATRIX ALGEBRA
EVALUATION OF THE DETERMINANTAL POLYNOMIAL OF A MATRIX OF POLYNOMIAL ELEMENTS AND AN APPLICATION TO ANTI RADAR,
AD-628 554 17I T 66 07 HC$ 4.00 MF$ 1.00

POLYNOMIALS, REAL NUMBERS
ROUTINE FOR IMPROVING THE ACCURACY OF THE ROOTS OF POLYNOMIALS WITH REAL COEFFICIENTS.
AD-629 042 12A T 66 08 HC$ 2.00 MF$ 0.50

POLYSACCHARIDES, CELL WALL
RESEARCH ON CELL WALL CYTOCHEMISTRY OF SELECTED FUNGI.
AD-628 045 6A T 66 07 HC$ 3.00 MF$ 0.75

POLYVINYL CHLORIDE, PLASTICIZERS
VINYL CHLORIDE RESINS AND BUTADIENE RUBBERS WITH N-ACYL DERIVATIVES OF CYCLIC IMINES.
PATENT 3,219,612 11I U 41 07

VINYL CHLORIDE RESINS PLASTICIZED WITH N-ACYL DERIVATIVES OF SUBSTITUTED PIPERIDINE.
PATENT 3,219,614 11I U 41 07

N-OLEOYL-2-ETHYLETHYLENIMINE.
PATENT 3,219,659 11I U 41 07

MORPHOLIDES OF EPOXIDIZED FATTY ACIDS.
PATENT 3,219,664 11I U 41 07

POLYVINYL CHLORIDE, SEMICONDUCTORS
PLASTICS (SELECTED ARTICLES).
AD-629 165 11I T 66 08 HC$ 4.60 MF$ 0.50

POSITION FINDING, MATHEMATICAL ANALYSIS
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

POSITRONS, HELIUM
THEORY OF LOW-ENERGY POSITRON-HELIUM SCATTERING,
N66-10674 20H U 41 08 HC$ 1.00 MF$ 0.50

POSITRONS, LIFE EXPECTANCY
A THIRD POSITRON LIFETIME IN SOLID POLYMERS,
AD-629 086 7E T 66 08

POTASSIUM COMPOUNDS, BROMIDES
PHOTOCONDUCTIVITY OF KBR CONTAINING F CENTERS,
AD-629 033 20L T 66 08

POTASSIUM COMPOUNDS, IODIDES
RESONANT ENERGY TRANSFER BETWEEN EXCITED F-CENTERS IN KI.
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50

POTASSIUM, CORROSION
POTASSIUM CORROSION TEST LOOP DEVELOPMENT. MATERIAL SPECIFICATIONS FOR ADVANCED REFRACTORY ALLOYS.
N66-10673 11F U 41 08 HC$ 6.00 MF$ 1.50

POTASSIUM CORROSION TEST LOOP DEVELOPMENT.
N66-12126 14B U 41 08 HC$ 4.00 MF$ 0.75

POTASSIUM, ELECTRICAL RESISTANCE
FLOWING GAS DISCHARGES IN POTASSIUM AND MERCURY.
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50

POTASSIUM, METABOLISM
EXPEDITION TO THE COLOMBIAN ANDES (4TH).
AD-466 169 6P U 41 07 HC$ 2.00 MF$ 0.50

POTASSIUM, NEUROMUSCULAR TRANSMISSION
PRESYNAPTIC EFFECTS OF POTASSIUM ION ON THE MAMMALIAN NEUROMUSCULAR JUNCTION,
AD-628 266 6P T 66 07

POTASSIUM, THERMODYNAMICS
SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM,
N66-12252 7D U 41 07 HC$ 2.00 MF$ 0.50

POTENTIAL THEORY, BOUNDARY VALUE PROBLEMS
GALERKIN'S METHOD AND THE LOCAL POTENTIAL,
AD-628 582 12A T 66 07 HC$ 1.10 MF$ 0.50

POTENTIAL THEORY, GASES
DETERMINATION AND ASSESSMENT OF MORSE POTENTIAL FUNCTIONS FOR SOME NONPOLAR GASES.
AD-628 480 7D T 66 07

POTENTIAL THEORY, INTEGRALS
INTEGRAL REPRESENTATIONS FOR HARMONIC FUNCTIONS IN THREE REAL VARIABLES,
AD-628 524 12A T 66 07

A GENERAL PERRON INTEGRAL,
AD-629 134 12A T 66 08

POTENTIAL THEORY, MOLECULAR ASSOCIATION
DETERMINATION OF INTERMOLECULAR FORCES,

AD-628 483 7D T 66 07

POTENTIAL THEORY, MOLECULAR BEAMS
DIRECT EXPERIMENTAL TEST OF THE PY AND CHNC INTEGRAL EQUATIONS,
AD-629 250 7D T 66 08

POTENTIOMETERS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR SUBMINIATURE, TRANSISTOR TYPE POTENTIOMETERS.
AD-628 280 14B T 66 07 HC$ 1.00 MF$ 0.50

POWDER METALLURGY, TUNGSTEN
TUNGSTEN POWDER METALLURGY.
N66-10415 11F U 41 07 HC$ 0.35 MF$ 0.50

POWDER METALS, COMPOSITE MATERIALS
POWDER METAL MATERIALS FOR MANUFACTURING LARGE-SCALE PARTS IN MACHINE-BUILDING AND CONSTRUCTION,
AD-629 413 11D T 66 08 HC$ 1.10 MF$ 0.50

POWDER METALS, NON-DESTRUCTIVE TESTING
INVESTIGATION OF SONIC TECHNIQUES FOR THE NONDESTRUCTIVE EVALUATION OF SINTERED IRON POWDER COMPACTS.
AD-628 538 11F T 66 07 HC$ 2.00 MF$ 0.50

POWER SUPPLIES, SIMULATION
DYNAMIC SOLAR CELL POWER SYSTEM SIMULATOR,
N66-11204 14B U 41 08 HC$ 1.00 MF$ 0.50

POWER AMPLIFIERS, DIODES(SEMICONDUCTOR)
HIGH SPEED POWER AMPLIFIER USING AN ELECTRON SWITCHED P-N JUNCTION.
AD-628 858 9E T 66 07 HC$ 1.60 MF$ 0.50

POWER REACTORS, REACTOR FUEL ELEMENTS
FUEL SPACER DEVELOPMENT,
DP-1002 18I U 41 08 HC$ 2.00 MF$ 0.50

POWER REACTORS, REACTOR FUELS
PHOENIX FUEL PROGRAM PROGRESS REPORT, FY-1965,
BNWL-152 18I U 41 08 HC$ 2.00 MF$ 0.50

POWER SERIES, INTEGRATION
NUMERICAL INTEGRATION OF AN ORBIT AND ITS CONCOMITANT VARIATIONS BY RECURRENT POWER SERIES,
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50

POWER SERIES, THEOREMS
A PICARDESQUE THEOREM FOR FORMAL POWER SERIES,
AD-629 591 12A T 66 08

POWER SUPPLIES
RELIABILITY ASSESSMENT OF THE GEOS A POWER SUPPLY,
N66-12868 22B U 41 08 HC$ 1.00 MF$ 0.50

POWER SUPPLIES, ARC WELDING
EFFECT OF OUTPUT CURRENT WAVEFORM ON THE PROPERTIES OF ALUMINUM WELDS,
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50

POWER SUPPLIES, PORTABLE
500-WATT FUEL-CELL POWER PLANT.
AD-628 159 10B T 66 07 HC$ 4.60 MF$ 0.50

POWER SUPPLIES, SOLAR CELLS
PHOTOVOLTAIC POWER SYSTEMS USING HIGH SOLAR ENERGY FLUXES.
AD-629 241 10B T 66 08 HC$ 3.00 MF$ 0.75

POWER SUPPLIES, TIMING CIRCUITS
FREQUENCY SOURCE THAT KEEPS TIME EVEN IF MAIN POWER SOURCE FALTERS,
AD-629 743 9E T 66 08

POWER TRANSFORMERS, DESIGN
THE COMPUTER ORIENTED DESIGN OF ELECTRONIC DEVICES. (CODED). PROJECT--REVISED PROGRAM FOR POWER TRANSFORMERS.
AD-628 535 9A T 66 07 HC$ 3.00 MF$ 0.75

POWER, MEASUREMENT
APPARATUS FOR ABSORBING AND MEASURING POWER.
PATENT 3,221,547 10A U 41 07

PRASEODYMIUM, LINE SPECTRUM
FREE-ION AND CRYSTALLINE SPECTRA OF PR(3+) (PR IV),
AD-628 349 7D T 66 07

PRESSURE BREATHING, RADIATION EFFECTS
USAF RADIATION LABORATORY QUARTERLY PROGRESS REPORT NO. 58.
AD-629 311 6R T 66 08 HC$ 2.00 MF$ 0.50

PRESSURE GAGES, CALIBRATION
EVALUATION OF A VOLUME-RATIO CALIBRATION SYSTEM FOR VACUUM GAGES FROM 0.000001 TO 0.001 TORR.
N66-10336 14B U 41 07 HC$ 1.00 MF$ 0.50

PRESSURE GAGES, USSR
A SYSTEM FOR AUTOMATIC PRESSURE RECORDING IN SUBLIMATION DRYING,
AD-628 428 14B T 66 07 HC$ 1.00 MF$ 0.50

PRESSURE VESSELS, BOILING WATER REACTORS
INSPECTION, EVALUATION, AND OPERATION OF THE EBWR REACTOR VESSEL,
ANL-7117 18I U 41 08 HC$ 3.00 MF$ 0.75

PRESSURE VESSELS, DIAPHRAMS(MECHANICS)
TECHNIQUE FOR FORMING PRESSURE WINDOWS FROM THIN METAL SHEETS.
AD-628 877 13H T 66 07

PRESSURE VESSELS, METAL PLATES
STRESS ANALYSIS OF REINFORCED CIRCULAR AND RECTANGULAR FLAT PLATES,
ANL-7089 20K U 41 08 HC$ 2.00 MF$ 0.50

PRESSURE VESSELS, RADIATION DAMAGE
THE EFFECT OF RADIATION ON THE DUCTILEBRITTLE TRANSITION IN PRESSURE VESSEL STEELS.
EURAEC-1218 11F U 41 07 HC$ 2.00 MF$ 0.50

PRESSURE VESSELS, STEEL
A STUDY ON PLASTIC FATIGUE EMBRITTLEMENT IN REACTOR VESSEL STEELS.
EURAEC-1102 11F U 41 07 HC$ 2.00 MF$ 0.50

PRESSURE, ATTENUATION
UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART V. FLUID PRESSURE TRANSIENTS IN A TAPERED LINE.
AD-628 630 0D T 66 07 HC$ 4.00 MF$ 1.00

PRESSURE, MELTING
THE EFFECT OF PRESSURE ON MELTING.
AD-628 975 7D T 66 08 HC$ 1.00 MF$ 0.50

PRESSURIZED WATER REACTORS, HEAT TRANSFER
HEAT TRANSFER AND MIXING STUDIES IN A P.W.R.-REACTOR-LOOP.
EURAEC-1162 18L U 41 08 HC$ 3.00 MF$ 0.75

PRIMARY CELLS, DESIGN
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT.
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

PRINTED CIRCUITS, ELECTROPLATING
SELECTIVE ELECTROPLATING OF ETCHED CIRCUITS.
N66-10318 9A U 41 07 HC$ 1.00 MF$ 0.50

PRINTED CIRCUITS, INTERMETALLIC COMPOUNDS
MICROELECTRONIC SOLID-STATE DISPLAY ASSEMBLY.
AD-629 596 9E T 66 08 HC$ 2.60 MF$ 0.50

PRINTED CIRCUITS, MATERIALS
ESTABLISHMENT OF STANDARDS FOR COMPATABILITY OF PRINTED CIRCUIT AND COMPONENT LEAD MATERIALS.
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00

PRO GRAMMING(COMPUTERS), INFORMATION RETRIEVAL
THE CATALOG INPUT/OUTPUT SYSTEM,
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75

PRO GRAMMING(COMPUTERS), NAVAL MINE WARFARE
A MINE SWEEPER COMPUTER SIMULATION.
AD-629 351 15G T 66 08 HC$ 5.60 MF$ 0.75

PROBA BILITY, OPERATORS(MATHEMATICS)
ERGODIC DECOMPOSITIONS INDUCED BY CERTAIN MARKOV OPERATORS,
AD-628 439 12A T 66 07

PROBABILITY, TABLES
RANK ORDER PROBABILITIES: TWO-SAMPLE NORMAL SHIFT ALTERNATIVES.
AD-628 947 12A T 66 08 HC$ 6.00 MF$ 1.25

PROBABILITY, WEATHER FORECASTING
ON THE PROBABILITY FORECASTING OF THE OCCURRENCE OF PRECIPITATION.
PB-169 246 4B U 41 07 HC$ 2.00 MF$ 0.50

PROBES(ELECTROMAGNETIC), ATMOSPHERIC SOUNDING
RF PROBE TECHNIQUES FOR IONOSPHERIC MEASUREMENTS.
AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50

PROBES(ELECTROMAGNETIC), LENSES
A MICROWAVE LENS SYSTEM FOR PLASMA DIAGNOSTICS,
N65-35961 20I U 41 07 HC$ 1.00 MF$ 0.50

PROBLEM SOLVING, COMPUTERS
A PROBLEM SOLVING FACILITY.
AD-467 356 9B U 41 08 HC$ 7.60 MF$ 0.75

PROBLEM SOLVING, REAL TIME
A STORAGE AND RETRIEVAL SYSTEM FOR REALTIME PROBLEM SOLVING,
AD-467 454 9B U 41 08 HC$ 3.00 MF$ 0.50

PROCUREMENT, RESEARCH PROGRAM ADMINISTRATION
RESEARCH PROGRAM ON THE ORGANIZATION AND MANAGEMENT OF RESEARCH AND DEVELOPMENT. QUESTIONING THE COST/EFFECTIVENESS OF THE R AND D PROCUREMENT PROCESS,
N66-10633 14A U 41 08 HC$ 2.00 MF$ 0.50

PRODUCTION CONTROL, DECISION MAKING
AN EMPIRICAL STUDY OF SCHEDULING DECISION BEHAVIOR.
AD-629 229 5A T 66 08 HC$ 2.00 MF$ 0.50

PROGRAM MING(COMPUTERS), DESIGN
THE COMPUTER ORIENTED DESIGN OF ELECTRONIC DEVICES. (CODED). PROJECT--REVISED PROGRAM FOR POWER TRANSFORMERS.
AD-628 535 9A T 66 07 HC$ 3.00 MF$ 0.75

PROGRAM MING(COMPUTERS), LANGUAGE
UPDATING OF THESAUR PROGRAM.
AD-629 368 6D T 66 08 HC$ 5.60 MF$ 0.50

PROGRAMMED INSTRUCTION, EFFECTIVENESS
MEASURES ON ABILITY AND PROGRAMED INSTRUCTION PERFORMANCE.
AD-629 443 5I T 66 08 HC$ 1.60 MF$ 0.50

PROGRAMMED INSTRUCTION, LEARNING
THE INFLUENCE OF PRACTICE FRAMES AND VERBAL ABILITY ON PROGRAMED INSTRUCTION PERFORMANCE.

AD-628 444 51 T 66 07 HC$ 2.60 MF$ 0.50

PROGRAMMED INSTRUCTION, REVIEWS
COMPUTER-ASSISTED INSTRUCTION: A SURVEY OF THE LITERATURE.
AD-628 953 51 T 66 08 HC$ 2.00 MF$ 0.50

PROGNAMMING (COMPUTERS), ACOUSTICS
UNDERWATER SHOCK WAVE FREQUENCY SPECTRUM ANALYSIS. IV. FORTRAN IV PROGRAMS FOR THE IBM-7090 COMPUTER.
AD-628 936 20A T 66 08 HC$ 3.60 MF$ 0.50

PROGRAMMING (COMPUTERS), FOURIER ANALYSIS
REVISION OF FOURIER ANALYSIS AND SYNTHESIS PROGRAMS.
PB-169 335 8K U 41 08 HC$ 1.60 MF$ 0.50

PROGRAMMING LANGUAGES, COMPILERS
KINGSTON FORTRAN II LIBRARY SUBPROGRAMS AS SIMULATION AIDS.
AD-628 335 9B T 66 07 HC$10.60 MF$ 0.75

PROGRAMMING LANGUAGES, CONTEXT FREE GRAMMARS
A NOTE ON PUSHDOWN STORE AUTOMATA AND REGULAR SYSTEMS.
AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50

FINITE-TURN PUSHDOWN AUTOMATA.
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50

PROGRAMMING LANGUAGES, DESIGN
A UNIVERSAL ASSEMBLY MAPPING LANGUAGE: 19.1.
AD-629 371 9B T 66 08

PROGRAMMING LANGUAGES, DIGITAL COMPUTERS
ON LINE COMPUTER SYMBOLIC MANIPULATION.
AD-628 135 9B T 66 07 HC$19.50 MF$ 1.25

PROGRAMMING LANGUAGES, GAS-COOLED REACTORS
SWISSCHEESE. A 7090 FORTRAN IV CODE FOR THERMAL-HYDRAULIC ANALYSIS OF GAS-COOLED NUCLEAR REACTORS.
BNWL-147 9B U 41 08 HC$ 3.00 MF$ 0.75

PROGRAMMING LANGUAGES, POLYNOMIALS
DTF-IV-A FORTRAN-IV PROGRAM FOR SOLVING THE MULTIGROUP TRANSPORT EQUATION WITH ANISOTROPIC SCATTERING.
LA-3373 9B U 41 07 HC$ 4.00 MF$ 1.00

PROGRAMMING LANGUAGES, REACTION KINETICS
FORTRAN II PROGRAM FOR REDUCTION OF SPECTROPHOTOMETRIC REACTION KINETICS DATA.
RFP-629 9B U 41 08 HC$ 2.00 MF$ 0.50

PROGRAMMING LANGUAGES, REACTOR LATTICE PARAMETERS
THE ARGONNE-REVISED THERMOS CODE.
ANL-7023 9B U 41 08 HC$ 4.00 MF$ 0.75

PROGRAMMING LANGUAGES, SPECIFICATIONS
COBOL, EDITION 1965.
AD-629 729 9B T 66 08 MF$ 1.50

PROGRAMMING LANGUAGES, SYNTAX
NUMBERED-LINE SYNTACTIC DESCRIPTION OF JOVIAL (J3).
AD-628 212 9B T 66 07 HC$ 1.00 MF$ 0.50

PROGRAMMING LANGUAGES, TOPOLOGY
TREETRAN - A FORTRAN IV SUBROUTINE PACKAGE FOR MANIPULATION OF ROOTED TREES.
N66-10928 9B U 41 08 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), METABOLISM
COMPUTER REDUCTION OF METABOLIC DATA OBTAINED FROM SCINTILLATION COUNTERS.
LA-3298 9B U 41 07 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), NEUTRON CROSS SECTIONS
EVALUATION OF NEUTRON CROSS SECTIONS AT THE KNOLLS ATOMIC POWER LABORATORY.
CONF-650524-2 20H U 41 08 HC$ 1.00 MF$ 0.50

PROGRAMMING(COMPUTERS), ASTRONOMICAL DATA
GENERATION OF THE LUNAR EPHEMERIS ON AN ELECTRONIC COMPUTER.
AD-629 047 3A T 66 08 HC$ 2.00 MF$ 0.50

GENERATION OF PLANETARY EPHEMERIDES ON AN ELECTRONIC COMPUTER.
AD-629 130 3A T 66 08 HC$ 8.60 MF$ 0.75

PROGRAMMING(COMPUTERS), CIRCUITS
CODED CIRCUIT ANALYSIS. VOL. I. INSTRUCTION MANUAL FOR DC-AC APPLICATIONS.
AD-628 110 9E T 66 07 HC$ 4.00 MF$ 0.75

PROGRAMMING(COMPUTERS), COST EFFECTIVENESS
PROCEEDINGS OF NASA INDUSTRY PERT COMPUTER CONFERENCE.
N66-10561 9B U 41 08 HC$ 5.00 MF$ 1.00

PROGRAMMING(COMPUTERS), CRYOGENICS
FORTRAN PROGRAMS FOR CRYOGENIC THERMOMETRY.
AD-629 096 9B T 66 08 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), FLUID MECHANICS
THREE DIMENSIONAL POTENTIAL FLOW. COMPUTER PROGRAM.
PB-169 328 R 9B,U 41 07 HC$47.00

PROGRAMMING(COMPUTERS), FLUID MECHANICS
BASE PRESSURE PROGRAM FOR A BODY OF REVOLUTION WITH NOZZLE FLOW.
AD-628 356 20D T 66 07 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), GAS FLOW
DIGITAL COMPUTER STUDIES OF CONDENSATION IN EXPANDING ONE-COMPONENT FLOWS.
AD-628 543 20D T 66 07 HC$ 6.60 MF$ 0.75

PROGRAMMING(COMPUTERS), GEOGRAPHY
THREE COMPUTER PROGRAMS FOR CONTIGUITY MEASURES.
AD-628 612 8B T 66 07 HC$ 3.60 MF$ 0.50

PROGRAMMING(COMPUTERS), LIFE SPAN
A FORTRAN IV PROGRAM FOR THE EVALUATION OF POST-IRRADIATION SURVIVAL TIMES.
UCLA-12-573 9B U 41 07 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), MONTE CARLO METHOD
HAGER III AND HAGER IV: TWO MONTE CARLO COMPUTER PROGRAMS FOR THE STUDY OF SPATIAL DIFFUSION PROBLEMS.
AD-628 611 9B T 66 07 HC$ 4.60 MF$ 0.50

PROGRAMMING(COMPUTERS), NUMERICAL ANALYSIS
APPLICATION OF GIBBS-DUHEM EQUATION TO BINARY VAPOR-LIQUID EQUILIBRIUM DATA OF METAL SYSTEMS USING NEWTONS INTERPOLATION FORMULAE.
IS-1241 7D U 41 07 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), NUMERICAL METHODS AND PROCEDURES
SQUARE ROOT SUBROUTINES.
AD-629 327 9B T 66 08 HC$ 1.60 MF$ 0.50

PROGRAMMING(COMPUTERS), OPERATIONS RESEARCH
RESEARCH AND TECHNOLOGY DIVISION REPORT FOR 1965.
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00

PROGRAMMING(COMPUTERS), POLYNOMIALS
ROUTINE FOR IMPROVING THE ACCURACY OF THE ROOTS OF POLYNOMIALS WITH REAL COEFFICIENTS.
AD-629 042 12A T 66 08 HC$ 2.00 MF$ 0.50

PROGRAMMING(COMPUTERS), PROGRAMMING LANGUAGES
ON LINE COMPUTER SYMBOLIC MANIPULATION.
AD-628 135 9B T 66 07 HC$19.50 MF$ 1.25

PROGRAMMING(COMPUTERS), PSYCHOMETRICS
NOTES ON THE MULTIDIMENSIONAL SCALING OF ELASTIC DISTANCES.
AD-629 278 9B T 66 08 HC$ 2.00 MF$ 0.75

PROGRAMMING(COMPUTERS), QUANTUM MECHANICS
FORTRAN PROGRAMS FOR THE CLEBSCH-GORDAN AND RACAH COEFFICIENTS AND THE NINE-J SYMBOL.
ORNL-3877 9B U 41 07 HC$ 1.00 MF$ 0.50

PROGRAMMING(COMPUTERS), RADAR PULSES
BASELINE: A MAN-MACHINE PROGRAM FOR DATA ANALYSIS.
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00

PROGRAMMING(COMPUTERS), STRUCTURAL GEOLOGY
A SURFACE-FITTING PROGRAM FOR AREALLY-DISTRIBUTED DATA FROM THE EARTH SCIENCES AND REMOTE SENSING.
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00

PROGRAMMING(COMPUTER), ALGEBRA
CALCULAID: AN ON-LINE SYSTEM FOR ALGEBRAIC COMPUTATION AND ANALYSIS.
AD-474 019 9B U 41 07 HC$ 3.00 MF$ 0.50

PROGRAMMING(COMPUTER), X-RAY DIFFRACTION ANALYSIS
X-RAY DIFFRACTION COMPUTER PROGRAMS FOR THE CDC 3600 AND THE IBM 7094.
AD-628 496 9B T 66 07 HC$ 3.00 MF$ 0.75

PROJECTILES, ARMING DEVICES
MECHANICAL DELAY ARMING DEVICE FOR OFF CENTER SPIN APPLICATION.
AD-629 456 19A T 66 08 HC$ 3.60 MF$ 0.50

PROJECTILES, IMPACT SHOCK
INVESTIGATION OF CHARACTERISTICS OF PRESSURE WAVES GENERATED IN WATER FILLED TANKS IMPACTED BY HIGH-VELOCITY PROJECTILES.
N66-13291 20K U 41 07 HC$ 1.00 MF$ 0.50

PROPAGATION, ANTENNAS
ANTENNA STUDY FOR COVERT APPLICATIONS.
AD-629 148 9E T 66 08 HC$ 3.00 MF$ 0.75

PROPAGATION, TERRAIN
LITERATURE SURVEY PERTAINING TO ELECTRICALLY SMALL ANTENNAS, PROPAGATION THROUGH VEGETATION, AND RELATED TOPICS.
AD-629 155 9E T 66 08 HC$ 6.00 MF$ 1.50

PROPELLANTS, BOILING
CAPACITANCE MASS SENSING OF BOILING PROPELLANTS.
N66-11244 21H U 41 08 HC$ 3.00 MF$ 0.50

PROPELLANTS, ISOCYNATE PLASTICS
A STUDY OF SOLID-PROPELLANT VAPORIZATION AND DIFFUSION PROCESSES.
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50

PROPELLANTS, STRESSES
STRESS-STRAIN BEHAVIOR OF AN INERT COMPOSITE PROPELLANT FOR MULTIAXIAL LOADING CONDITIONS.
N66-10614 21I U 41 08 HC$ 2.00 MF$ 0.50

PROPELLER BLADES, CAVITATION
MINIMUM PRESSURE ENVELOPES FOR MODIFIED NACA-66 SECTIONS WITH NACA A=0.8 CAMBER AND BUSHIPS TYPE I AND TYPE II SECTIONS.
AD-629 379 20D T 66 08 HC$ 4.60 MF$ 0.50

PROPELLER NOISE, MATHEMATICAL PREDICTION
A THEORY FOR PREDICTING THE ROTATIONAL NOISE OF LIFTING ROTORS IN FORWARD FLIGHT, INCLUDING A COMPARISON WITH EXPERIMENT.
AD-629 646 20A T 66 08 HC$11.60 MF$ 0.75

PROPELLERS(AERIAL), PERFORMANCE (ENGINEERING)

INVESTIGATION OF AN ISOLATED MONOCYCLIC V/STOL PROPELLER PERFORMANCE AND OSCILLATORY STRESS.
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75

PROPELLERS(AERIAL), STABILITY
AN INVESTIGATION OF PROPELLER SLIPSTREAM EFFECTS ON V/STOL AIRCRAFT PERFORMANCE AND STABILITY.
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00

PROPELLERS(MARINE), CAVITATION
CAVITATION TESTS OF A TRACTOR PROPELLER ARRANGEMENT FOR THE PC(H).
AD-628 854 13J T 66 07 HC$ 4.60 MF$ 0.50

PROPELLERS(MARINE), DESIGN
SUPERCAVITATING PROPELLER THEORY. PART I. THE DERIVATION OF INDUCED VELOCITY EQUATIONS AND FORMULATION OF AN INITIAL DESIGN PROCEDURE.
AD-629 735 13J T 66 08 HC$ 3.60 MF$ 0.50

PROPELLERS(MARINE), PERFORMANCE (ENGINEERING)
TMB 3-BLADED SUPERCAVITATING PROPELLER SERIES.
AD-628 092 13J T 66 07 HC$ 2.00 MF$ 0.50

PROPELLERS(MARINE), SHAFTS
LONGITUDINAL VIBRATION OF PROPULSION SYSTEM ON USS SIMON LAKE (AS-33).
AD-629 273 13J T 66 08 HC$ 3.60 MF$ 0.50

PROPELLERS(MARINE), SUBMARINE HULLS
FORCES ON A SUBMARINE HULL INDUCED BY THE PROPELLER.
AD-628 774 13J T 66 07 HC$ 1.60 MF$ 0.50

PROPENES, DIELECTRIC PROPERTIES
DIELECTRIC RELAXATION IN LIQUID POLYPROPYLENE OXIDES.
AD-629 393 7D T 66 08

PROPENES, POLYMERIZATION
CO-CATALYSIS IN FRIEDEL CRAFTS REACTIONS. PART IX. POLYMERISATION OF PROPENE BY BORON FLUORIDE-METHANOL.
AD-629 751 7C T 66 08

PROSTHETICS, MEDICAL RESEARCH
UPPER EXTREMITY PROSTHETICS RESEARCH. HUMAN TRACKING. SENSORY MOTOR CONTROL. MYOELECTRIC CONTROL.
AD-628 964 6E T 66 08 HC$ 1.00 MF$ 0.50

PROTECTIVE CLOTHING, GLOVES
EFFECTS OF VARIOUS GASES ON HANDGEAR INSULATION.
AD-628 367 6Q T 66 07 HC$ 1.60 MF$ 0.50

PROTECTIVE COVERINGS, UNDERGROUND STRUCTURES
EXPERIMENTAL STUDY OF STRESS WAVE INTERACTION IN PHOTOVISCOELASTIC PLATES.
AD-628 806 13H T 66 07 HC$ 5.00 MF$ 1.25

PROTECTIVE MASKS, HUMAN ENGINEERING
THE EFFECTS OF PROTECTIVE MASKING UPON SMOKE GENERATOR AND FUEL SUPPLY TEAM PERFORMANCE (AN ANALYSIS OF AN EXPERIMENT CONDUCTED BY THE U. S. ARMY CHEMICAL CORPS).
AD-628 146 15B T 66 07 HC$ 1.60 MF$ 0.50

PROTEINS, HYDROLYSIS
O-RING JOINT TUBES FOR PROTEIN-HYDROLYSATES.
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50

PROTEINS, STEREOCHEMISTRY
SUBSTRATE CONTROL OF PROTEIN CONFORMATION.
AD-628 264 6A T 66 07

PROTEINS, THIN LAYER CHROMATOGRAPHY
ON PROTEINS OF CABBAGE: REPORT 1. AMINO ACID CONTENT OF PROTEINS.
AD-628 420 6A T 66 07 HC$ 1.00 MF$ 0.50

PROTON ACCELERATORS, LINEAR ACCELERATORS
QUARTERLY STATUS REPORT ON THE MEDIUM-ENERGY PHYSICS PROGRAM FOR PERIOD ENDING SEPTEMBER 30, 1965.
LA-3419 20G U 41 07 HC$ 3.00 MF$ 0.50

PROTON BEAMS, ION SOURCES
RECHERCHE D'UNE INTENSE SOURCE DE PROTONS PULSEE A LA MICRO-SECONDE (PRODUCTION OF AN INTENSE SOURCE OF MICRO-SECOND PROTON PULSES.)
PB-169 234 20G U 41 08 HC$ 3.00 MF$ 0.75

PROTON SCATTERING, LINEAR ACCELERATORS
ANNUAL PROGRESS REPORT ON LINEAR ACCELERATOR RESEARCH, DECEMBER 1963JULY 1964.
TID-21335 20G U 41 08 HC$ 5.00 MF$ 1.00

PROTON SCATTERING, OXYGEN
THE EP = 2.66 MEV RESONANCE IN O16(P,P)O16.
AD-628 698 20H T 66 07

PROTONS, ELASTIC SCATTERING
ELASTIC SCATTERING OF NEGATIVE PIONS BY PROTONS AT 903 MEV.
NYO-2262-86 20H U 41 07 HC$ 3.00 MF$ 0.75

PROTONS, CHEMICAL REACTIONS
THE MECHANISM OF PROTON TRANSPORT IN AQUEOUS SOLUTIONS.
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50

BASE-CATALYZED INTRAMOLECULAR 1,3- AND 1,5-PROTON TRANSFERS.
AD-629 638 7C T 66 08

ON THE CLAIM OF A BIMOLECULAR MECHANISM OF PROTOTROPY.
AD-629 640 7C T 66 08

PROTONS, INTEGRAL EQUATIONS
ON FREQUENCY DISCRETIZATION AND CONSERVA- TIVE DIFFERENCE EQUATIONS FOR RADIATIVE TRANSFER.
LA-3401 12A U 41 07 HC$ 1.00 MF$ 0.50

PROTONS, RADIOBIOLOGY
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

PROTONS, VAN ALLEN RADIATION BELT
TIME AND ALTITUDE DEPENDENCE OF 55-MEV TRAPPED PROTONS, AUGUST 1961 TO JUNE 1964.
AD-629 119 4A T 66 08

PSEUDOMONAS AEROGINOSA, ENZYMES
PURIFICATION AND PROPERTIES OF ACYLTRANSFERASES FROM PSEUDOMONAS AERUGINOSA.
AD-628 390 6A T 66 07

PSEUDOMONAS, CULTURE MEDIA
MICROBIAL GROWTH ON C-1 COMPONENTS. SYNTHESIS OF CELL CONSTITUENTS BY METHANEAND METHANOL-GROWN PSEUDOMONAS METHANICA.
AD-628 391 6M : 66 07

PSEUDOMONAS, ENZYMES
USE OF A PURIFIED BACTERIAL FORMATE DEHYDROGENASE FOR THE MICRO-ESTIMATION OF FORMATE.
AD-628 821 6A T 66 07

PSYCHIATRY, ARMY PERSONNEL
PRINCIPLES AND TECHNIQUES IN ARMY MENTAL HYGIENE CONSULTATION.
AD-628 735 6E T 66 07 HC$ 1.00 MF$ 0.50

THE INFLUENCE OF ORGANIZATIONAL FACTORS UPON PSYCHIATRIC CARE IN THE UNITED STATES ARMY.
AD-629 017 6E T 66 08 HC$ 7.60 MF$ 0.75

PSYCHIATRY, NAVAL PERSONNEL
DEPRESSION IN THE OFFICER PATIENT.
AD-628 755 6E T 66 07

THE NAVAL MEDICAL OFFICER AS A PSYCHIATRIC PATIENT.
AD-628 756 6E T 66 07

PSYCHOLOGY, THEORY
ON THE NATURE OF LAWS IN PSYCHOLOGY.
AD-629 680 5J T 66 08 HC$ 2.60 MF$ 0.50

PSYCHOMETRICS, DECISION MAKING
STUDIES OF THE CONSTANT ERROR.
AD-629 678 5J T 66 08 HC$ 4.60 MF$ 0.50

PSYCHOMETRICS, MATHEMATICAL ANALYSIS
QUANTITATIVE RELATIONS AMONG MEASURES OF BEHAVIOR UNDER A FIXED-INTERVAL SCHEDULE OF REINFORCEMENT.
AD-628 149 5J T 66 07 HC$ 1.60 MF$ 0.50

PSYCHOMETRICS, MATHEMATICAL MODELS
A STRONG TRUE-SCORE THEORY, WITH APPLICATIONS.
AD-628 260 5J T 66 07

PSYCHOMETRICS, PERSONALITY
A PROCEDURE FOR REDUCING THE EFFECTS OF SLANTING QUESTIONNAIRE RESPONSES TOWARD SOCIAL ACCEPTABILITY.
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50

PSYCHOMETRICS, PROGRAMMING (COMPUTERS)
NOTES ON THE MULTIDIMENSIONAL SCALING OF ELASTIC DISTANCES.
AD-629 278 9B T 66 08 HC$ 2.00 MF$ 0.75

PSYCHOMETRICS, REACTION(PSY CHOLOGY)
ON THE INADEQUACIES OF A LIMITED-STATE THEORY OF THE THRESHOLD.
AD-629 679 5J T 66 08 HC$ 1.60 MF$ 0.50

PSYCHOPHYSIOLOGY, ANALYSIS
PSYCHOPHYSICAL METHODOLOGY I. COMPARISON OF THRESHOLDS OF THE METHOD OF LIMITS AND OF THE METHOD OF CONSTANT STIMULI.
AD-628 994 5J T 66 08 HC$ 1.60 MF$ 0.50

PSYCHOPHYSICAL METHODOLOGY II. COMPARISON OF MEANS AND OF STANDARD DEVIATIONS OF THE ASCENDING AND DESCENDING METHOD OF LIMITS.
AD-628 995 5J T 66 08 HC$ 1.60 MF$ 0.50

PSYCHOPHYSIOLOGY, PERSONNEL
PERSONNEL PSYCHOPHYSICS.
AD-628 241 5J T 66 07

PSYCHOSES, AUDITORY PERCEPTION
THE AUDITORY EVOKED RESPONSE AS A DIAGNOSTIC AND PROGNOSTIC MEASURE IN SCHIZOPHRENIA.
AD-628 371 6E T 66 07

PSYCHOTROPIC AGENTS, PSYCHIATRY
MEDICINE IMPROVES THE STATE OF MIND.
AD-629 411 6Q T 66 08 HC$ 1.10 MF$ 0.50

PULSE AMPLIFIERS, MODULATION
DESIGN AND MANUFACTURE OF DIRECT CURRENT TORQUER AMPLIFIERS.
N66-10625 9C U 41 08 HC$ 2.00 MF$ 0.50

PULSE AMPLIFIERS, TRANSMISSION LINES
AN APPLICATION OF INTERCOUPLED-TRANSMISSION-LINE-AMPLIFIER.
AD-628 670 9E T 66 07 HC$ 1.00 MF$ 0.50

PULSE CODE MODULATION, MULTIPLEX
PULSE-CODE MODULATION MULTIPLEX TRANSMISSION OVER AN INJECTION LASER TRANSMISSION SYSTEM.
AD-629 503 20E T 66 08

PULSE COMMUNICATION SYSTEMS, INFORMA TION THEORY
APPLICATION OF THE MAXIMUM PRINCIPLE TO THE DESIGN OF MINIMUM BANDWIDTH PULSES.
AD-629 408 9D T 66 08

PULSE GENERATORS, EXPLODING WIRES
DEVELOPMENT OF AN ULTRAFAST MODERATE ENERGY PULSE POWER SYSTEM.
AD-628 506 10B T 66 07 HC$30.70 MF$ 1.50

PULSE GENERATORS, MILLIMETER WAVES
MILLIMETER GENERATION AND NONLINEAR PROPAGATION IN FERROMAGNETICS,
AD-402 832 9E U 41 08 HC$ 2.00

PULSE RATE, DETERMINATION
THE RELIABILITY OF SELF-DETERMINATION OF PULSE RATES.
AD-467 959 6P U 41 07 HC$ 1.00 MF$ 0.50

PUMPS, DESIGN
EFFECT OF IMPELLER DESIGN CHANGES ON CHARACTERISTICS OF A MODEL DREDGE PUMP.
AD-629 012 13K T 66 08 HC$22.00 MF$ 1.25

PUNCHED CARDS, COMPUTERS
APPLICATION OF PUNCHED CARD TECHNIQUES FOR OPTIMIZING RELIABILITY,
BDX-613-1 9B U 41 07 HC$ 1.00 MF$ 0.50

PYROLYTIC GRAPHITE, OXIDATION
THE OXIDATION OF PYROLYTIC GRAPHITE AT TEMPERATURES OF 1400-1800F AND AT AIR VELOCITIES OF 25-100 CM/SEC,
AD-628 276 11B T 66 07

PYROTECHNICS, ATMOSPHERIC SOUNDING
DATA REDUCTION OF CHEMICAL RELEASES IN THE UPPER ATMOSPHERE OF LOW-INTENSITY OPTICAL EMISSIONS CAUSED BY THE RELEASES AND DESIGN AND DEVELOPMENT OF PAYLOADS TO PRODUCE LUMINARY TRAIL AND POINT RELEASES AT ALTITUDES ABOVE 80 KM.
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50

QUALITY CONTROL, STATISTICAL ANALYSIS
CHAIN SAMPLING INSPECTION PLANS- CHSP-0,4 AND CHSP-1,4.
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50

QUALITY CONTROL, STATISTICAL PROCESSES
CUMULATIVE SUM CONTROL CHARTS. MATHEMATICAL PRINCIPLES APPLIED TO THEIR CONSTRUCTION AND USE, PARTS I-III,
AD-628 431 12A T 66 07

QUALITY CONTROL, STATISTICAL TESTS
EXACT POWER OF SOME QUICK TESTS BASED ON MOOD'S AND MASSEY'S STATISTICS,
AD-629 256 12A T 66 08

QUANTITATIVE ANALYSIS, STANDARDS
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JULY 1964 TO JUNE 1965,
C13.46-275 7D U 41 07 MF$ 0.75

QUANTUM MECHANICS, ALGEBRA
NOTES ON AXIOMS FOR QUANTUM MECHANICS,
ANL-7065 20J U 41 08 HC$ 1.00 MF$ 0.50

QUANTUM MECHANICS, ATOMIC PROPERTIES
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS.
AD-628 922 20J T 66 08 HC$ 1.10 MF$ 0.50

QUANTUM MECHANICS, FIELD THEORY
HIGH-ORDER LIMIT OF PARA-BOSE AND PARAFERMI FIELDS,
AD-629 041 20J T 66 08

QUANTUM MECHANICS, GRAVITY
INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME II.
AD-628 885 20J T 66 08 HC$14.70 MF$ 1.00

QUANTUM MECHANICS, GROUPS(MATHE MATICS)
WIGNERS ANALYSIS OF THE UNITARY REPRESENTA- TIONS OF THE POINCARE GROUP,
UCRL-12359 20J U 41 07 HC$ 3.00 MF$ 0.75

QUANTUM MECHANICS, HARMONIC GENERATORS
ON A SECOND-ORDER THOMAS-FERMI THEORY,
AD-629 398 20J T 66 08

QUANTUM MECHANICS, HELIUM
RADIATIVE LIFETIMES AND EXCITATION MECHANISMS IN HELIUM,
AD-629 540 20J T 66 08

QUANTUM MECHANICS, INFORMATION THEORY
QUANTUM FIELD THEORETICAL MODELS OF COMMUNICATION SYSTEMS.
AD-628 711 9D T 66 07 HC$20.80 MF$ 1.25

DUALITY AND INFORMATION COMPONENTS IN FOURIER TRANSFORMS.
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75

QUANTUM MECHANICS, MEASUREMENT
A FOURIER THEOREM AND ITS APPLICATION TO THE MEASUREMENT OF ELECTROMAGNETIC FIELDS AND QUANTUM MECHANICAL STATES.
AD-407 604 20C U 41 07 HC$ 1.00

QUANTUM MECHANICS, MOMENTUM
SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS.
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

QUANTUM MECHANICS, N-BODY PROBLEM
QUANTUM THEORY OF MANY-PARTICLE SYSTEMS.
AD-628 316 20J T 66 07 HC$ 2.60 MF$ 0.50

IMPROVED METHOD FOR QUANTUM MECHANICAL THREE-BODY PROBLEMS. I. ATTRACTIVE POTENTIALS.
AD-628 636 20J T 66 07

QUANTUM MECHANICS, OPERATORS(MATHEMATICS)
ON THE NONLINEAR PROPERTIES OF RETARDED PRODUCTS,
AD-628 343 20J T 66 07

QUANTUM MECHANICS, OSCILLATION
EXACT QUANTUM DYNAMICAL SOLUTIONS FOR OSCILLATOR-LIKE SYSTEMS,
AD-628 414 20J T 66 07

QUANTUM MECHANICS, PERTURBA TION THEORY
THE CALCULATION OF UPPER AND LOWER BOUNDS OF ENERGY EIGENVALUES IN PERTURBATION THEORY BY MEANS OF PARTITIONING TECHNIQUE,
AD-628 315 20J T 66 07 HC$ 4.60 MF$ 0.50

QUANTUM MECHANICS, SYMPOSIA
REPORT TO THE OFFICE OF NAVAL RESEARCH.
AD-629 014 20J T 66 08 HC$ 3.00 MF$ 0.75

QUARTZ RESONATORS, MANUFACTURING METHODS
QUARTZ CRYSTAL UNIT CR-(XM-37)/U, COMPLETION REPORT STEP I.
AD-628 517 9A T 66 07 HC$14.60 MF$ 1.00

PRODUCTION ENGINEERING MEASURE FOR TYPE CR-(XM-60)/U CRYSTAL UNITS.
AD-629 434 9A T 66 08 HC$ 2.00 MF$ 0.50

QUARTZ, INFRARED SPECTROSCOPY
MEASUREMENTS IN THE FAR INFRARED.
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75

QUEUEING THEORY, OPTIMIZATION
FINITE QUEUES IN SERIES WITH EXPONENTIAL OR ERLANG SERVICE TIMES.
AD-629 308 12B T 66 08 HC$ 3.60 MF$ 0.50

QUEUEING THEORY, TRAFFIC
TIME-DEPENDENT DELAYS AT TRAFFIC MERGES.
AD-629 230 5A T 66 08 HC$ 1.60 MF$ 0.50

QUINOLINES, ANTIMETABOLITES
N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,708 6O U 41 08

QUINONES, PHOTOCHEMISTRY
INTERACTION BETWEEN CHLOROPHYLL AND HYDROQUINONE.
AD-628 905 6A T 66 08

A KINETIC STUDY OF THE PHOTOCHEMICAL ADDITION OF PHENANTHRENEQUINONE TO OLEFINS.
AD-629 478 7E T 66 08 HC$ 5.00 MF$ 1.00

RADAR ANTENNAS, PUERTO RICO
ARECIBO RADAR-RADIO TELESCOPE-DESIGN AND CONSTRUCTION,
AD-629 468 9E T 66 08

RADAR DUPLEXERS, RADIATION DAMAGE
STUDY OF PULSED RADIATION EFFECTS ON MICROWAVE FERRITE DUPLEXERS.
AD-430 130 18H U 41 07 HC$ 2.00

RADAR ECHO AREAS, CONICAL BODIES
THE THEORETICAL AND NUMERICAL DETERMINATION OF THE RADAR CROSS SECTION OF A FINITE CONE.
AD-628 633 17I T 66 07

RADAR ECHO AREAS, CONVECTION (ATMOSPHERIC)
THE RELATION BETWEEN THE THERMODYNAMIC STATE OF THE ATMOSPHERE AND RADAR ECHOES FROM A CLEAR SKY.
AD-628 971 4A T 66 08 HC$ 1.00 MF$ 0.50

RADAR ECHO AREAS, CUMULUS CLOUDS
PROPERTIES OF THE RADAR ECHO IN SOUNDING OF CU CLOUDS OF SMALL VERTICAL EXTENT.
AD-629 010 4B T 66 08 HC$ 1.00 MF$ 0.50

RADAR ECHO AREAS, DIELECTRICS
EQUIVALENCE RELATIONS FOR ECHO AREAS OF DIELECTRIC SOLID CYLINDERS AND CYLINDRICAL SHELLS,
AD-629 267 20L T 66 08

RADAR ECHO AREAS, REENTRY VEHICLES
STATISTICAL METHODS FOR THE ANALYSIS OF RE-ENTRY VEHICLE RADAR DATA, PART I.
AD-629 359 17I T 66 08 HC$10.60 MF$ 0.75

RADAR ECHO AREAS, THUNDERSTORMS
SPECIAL FEATURES OF THE RADAR CHARACTERISTICS OF THUNDERSTORM CLOUDS.
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50

RADAR EQUIPMENT, PROBES(ELEC TROMAGNETIC)
MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

RADAR INTERFERENCE, PLASMA SHEATH
THE RADAR ABSORPTION EFFECT CAUSED BY VERY THIN PLASMA SHEATHS.
AD-444 071 17I U 41 08 HC$ 1.00

MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

RADAR PULSES, STATISTICAL ANALYSIS
BASELINE: A MAN-MACHINE PROGRAM FOR DATA ANALYSIS.
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00

RADAR REFLECTIONS, IONOSPHERE
STUDIES OF RF SCATTERING PROCESSES FROM IONIZED UPPER ATMOSPHERIC PERTURBATIONS.
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00

RADAR REFLECTIONS, MOON
LUNAR RADAR REFLECTIONS,
AD-628 197 3B T 66 07 HC$ 1.60 MF$ 0.50

RADAR SCANNING, MERCURY(PLANET)
A RADAR DETERMINATION OF THE ROTATION OF THE PLANET MERCURY,
AD-629 334 3C T 66 08

RADAR SCANNING, MOON
TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS,
AD-628 565 3B T 66 07

RADAR SCANNING, RAINFALL
THE MAXIMUM RANGE OF RADAR DETECTION OF SHOWERS.
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50

RADAR SIGNALS, SCATTERING
SCATTERING AND ATTENUATION BY PRECIPITATION PARTICLES.
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75

RADAR SIGNALS, SYNTHESIS
EVALUATION OF THE DETERMINANTAL POLYNOMIAL OF A MATRIX OF POLYNOMIAL ELEMENTS AND AN APPLICATION TO AMTI RADAR,
AD-628 554 17I T 66 07 HC$ 4.00 MF$ 1.00

RADAR TRACKING, ATMOSPHERE ENTRY
STATISTICAL METHODS FOR THE ANALYSIS OF RE-ENTRY VEHICLE RADAR DATA, PART I.
AD-629 359 17I T 66 08 HC$10.60 MF$ 0.75

RADAR TRACKING, BLACKOUT(ELECTROMAGNETIC)
APOLLO ENTRY RADAR ACQUISTION STUDY,
N66-11199 17I U 41 08 HC$ 2.00 MF$ 0.50

RADAR TRACKING, TROPICAL CYCLONES
A SUMMARY OF EMPIRICAL STUDIES OF THE HORIZONTAL MOTION OF SMALL RADAR PRECIPITATION ECHOES IN HURRICANE DONNA AND OTHER TROPICAL STORMS.
PB-169 248 4B U 41 07 HC$ 3.00 MF$ 0.75

RADAR, BACKSCATTERING
SCATTERING OF ELECTROMAGNETIC WAVES IN A SPINOR FORMALISM,
AD-628 616 20N T 66 07 HC$ 2.60 MF$ 0.50

RADAR, PHASED ARRAYS
PHASED ARRAY RADAR STUDIES, 1 JANUARY 1963 TO 1 JULY 1964.
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

RADAR, PORTABLE
MILLIMETER WAVE STUDIES.
AD-466 779 17I U 41 07 HC$ 2.00 MF$ 0.50

RADIATION CHEMISTRY, ALDEHYDES
INVESTIGATION OF THE ROLE OF FREE RADICALS IN THE ACETALDEHYDE POLYMERIZATION PROCESS IN THE SOLID PHASE UNDER GAMMA-IRRADIATION,
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50

RADIATION DAMAGE, METALLURGY
RADIATION METALLURGY SECTION, SOLID STATE DIVISION PROGRESS REPORT FOR PERIOD ENDING AUGUST 1965.
ORNL-3878 18J U 41 08 HC$ 3.00 MF$ 0.75

RADIATION DAMAGE, SEMICONDUCTOR DEVICES
A SUMMARY OF SURFACE EFFECTS OF RADIATION ON SEMICONDUCTOR DEVICES,
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75

RADIATION DAMAGE, SOLAR CELLS
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50

RADIATION DAMAGE, SURFACE PROPERTIES
BIAS INFLUENCE ON RADIATION-INDUCED TRANSISTOR SURFACE EFFECTS,
AD-466 611 20L U 41 08 HC$ 2.00 MF$ 0.50

RADIATION DAMAGE, TEST FACILITIES
CAPABILITIES OF THE 1 MW SHIELD TEST AND IRRADIATION REACTOR,
NAA-SR-11528 18M U 41 08 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, BEHAVIOR
STUDIES OF LOW DOSE RADIATION UPON COMPLEX BEHAVIOR PATTERNS.
AD-467 002 5J U 41 07 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, KIDNEYS
X-RAY INDUCED GLOMERULOSCLEROSIS IN RATS: MODIFICATION OF LESION BY FOOD RESTRICTION, UNINEPHRECTOMY, AGE,
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50

RADIATION EFFECTS, LIFE SPAN
A FORTRAN IV PROGRAM FOR THE EVALUATION OF POST-IRRADIATION SURVIVAL TIMES,
UCLA-12-573 9B U 41 07 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, METABOLISM
METABOLIC CHANGES IN HUMANS FOLLOWING TOTAL BODY IRRADIATION.
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50

A PERSISTENT METABOLIC EFFECT OF X RAYS OR NEUTRONS,
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, MUSCLES
RADIATION DAMAGE IN MUSCLE MEMBRANES AND REGULATION OF CELL METABOLISM,
AD-629 215 6R T 66 08 HC$ 3.00 MF$ 0.75

RADIATION EFFECTS, PARANASAL SINUSES
THE EFFECTS OF VARIOUS GASES WITHIN THE NASAL CAVITIES OF RATS ON THE RESPONSE OF OLFACTORY BULB NEURONS TO X IRRADIATION,
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50

RADIATION EFFECTS, PHYSIOLOGY
USAF RADIATION LABORATORY QUARTERLY PROGRESS REPORT NO. 58.
AD-629 311 6R T 66 08 HC$ 2.00 MF$ 0.50

RADIATION EFFECTS, SPACE FLIGHT
RADIATION SAFETY,
AD-629 422 6R T 66 08 HC$ 1.60 MF$ 0.50

RADIATION HAZARDS, AUXILIARY POWER PLANTS
SAFETY ANALYSIS REPORT SNAPTRAN 2/10A-1 AND-2 SAFETY TESTS,
IDO-17076 18N U 41 08 HC$ 5.00 MF$ 1.00

RADIATION HAZARDS, SPACE FLIGHT
PROBLEMS OF RADIATION SAFETY OF SPACE FLIGHTS. PHYSICAL AND BIOLOGICAL INVESTIGA- TIONS WITH HIGH-ENERGY PROTON,
AD-629 421 6R T 66 08 HC$22.70 MF$ 1.25

RADIATION SAFETY,
AD-629 422 6R T 66 08 HC$ 1.60 MF$ 0.50

RADIATION INJURIES, RECOVERY
RECOVERY FROM RADIATION INJURY IN DOGS AS EVALUATED BY THE SPLIT-DOSE TECHNIQUE,
AD-628 791 6R T 66 07 HC$ 2.00 MF$ 0.50

THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, BALLOONS
BALLOON-BORNE MEASUREMENTS OF SOLAR IONIZING RADIATION.
AD-628 761 3B T 66 07 HC$26.10 MF$ 1.50

RADIATION MEASUREMENT SYSTEMS, CRYSTALS
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CYRSTALS.
AD-629 058 20L T 66 08

RADIATION MEASUREMENT SYSTEMS, SOUNDING ROCKETS
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00

RADIATION MEASUREMENT SYSTEMS, TESTS
EVALUATION OF MILITARY RADIAC EQUIPMENT,
AD-629 545 18D T 66 08 HC$ 8.60 MF$ 0.75

RADIATION MEASUREMENT SYSTEMS, TRANSISTORS
USE OF MOS TRANSISTORS IN SOLID-STATE RADIATION SURVEY METERS.
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50

RADIATION(HEAT TRANSFER), BOUNDARY LAYER
RADIATION EFFECTS IN THE STAGNATION REGION BOUNDARY LAYER.
AD-628 547 20M T 66 07 HC$ 5.60 MF$ 0.75

RADIATORS, AERODYNAMIC CONTROL SURFACES
ANALYSIS OF LOW-TEMPERATURE DIRECT-CONDENSING VAPOR-CHAMBER FIN AND CONDUCTING FIN RADIATORS.
N66-10748 22B U 41 07 HC$ 3.00 MF$ 0.50

RADIO BIOLOGY, PROTONS
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

RADIO CHEMISTRY, ARSENIC
RADIOCHEMISTRY OF ARSENIC.
NAS-NS-3002 7E U 41 08 HC$ 1.00 MF$ 0.50

RADIO ASTRONOMY, GALAXIES
OBSERVATIONS OF THE SIX MOST INTENSE RADIO SOURCES WITH A 1.0° FAN BEAM,
AD-629 366 3B T 66 08

RADIO ASTRONOMY, INSTRUMENTATION
INSTRUMENTS, SOLAR PHYSICS, EXTRAGALACTIC STUDIES, GALACTIC STUDIES AND OCCULATIONS,
AD-629 289 3B T 66 08

RADIO ASTRONOMY, JUPITER(PLANET)
RADIOMETRIC OBSERVATIONS OF JUPITER AT 430 MC/S,
AD-629 335 3B T 66 08

RADIO ASTRONOMY, MOON
LUNAR RADAR REFLECTIONS,
AD-628 197 3B T 66 07 HC$ 1.60 MF$ 0.50

TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS,
AD-628 565 3B T 66 07

RADIO ASTRONOMY, RADIO TELESCOPES
CORRELATION RECEIVER FOR THE STUDY OF COSMIC RADIAL RADIATION AT LAMBDA = 21 CM,

AD-629 412 3B T 66 08 HC$ 1.60 MF$ 0.50

RADIO ASTRONOMY, SOLAR CORONA
OCCULTATION OF TAURUS-A BY THE SOLAR CORONA AT 430 MC/S IN JUNE 1964,
AD-629 338 3B T 66 08

RADIO ASTRONOMY, SOLAR RADIATION
A COMBINED REPORT ON GENERAL WORKS AND PRELIMINARY STUDIES ON SOLAR RADIO EMISSION AND SOLAR-TERRESTRIAL RELATIONSHIPS THROUGH V. L. F. PROPAGATION IN THE IONOSPHERE.
AD-628 887 4A T 66 08 HC$ 4.00 MF$ 0.75

RADIO ASTRONOMY, STARS
STRUCTURE OF THE CENTRAL COMPONENT OF CENTAURUS A,
AD-629 290 3B T 66 08

RADIO ASTRONOMY, SUN
HIGH-RESOLUTION STUDIES OF TYPE III SOLAR EMISSION AT 11.4-METER WAVELENGTH,
AD-629 343 3B T 66 08

RADIO ASTRONOMY, X-RAY SPECTRO SCOPY
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75

RADIO EQUIPMENT, SPECTRUM SIGNATURES
SPECTRUM SIGNATURE OF RADIO SET AN/GRC-27A.
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75

RADIO EQUIPMENT, TRANSISTORS
REDUCING NONLINEAR DISTORTION DUE TO AUTOMATIC-GAIN-CONTROL CIRCUITS,
AD-629 403 17B T 66 08

RADIO INTERFERENCE, RADIO COMMUNICATION SYSTEMS
COMPUTER STUDY OF A DIVERSITY AUGMENTED, VEHICULAR, RADIO COMMUNICATION SYSTEM IN A MANMADE NOISE ENVIRONMENT.
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50

RADIO RECEPTION, KOREA
ELECTROMAGNETIC ENVIRONMENTAL SURVEY, KUNSAN AB, KOREA, 5 OCTOBER 1965 - 24 OCTOBER 1965.
AD-628 227 17B T 66 07 HC$ 2.00 MF$ 0.75

RADIO SIGNALS, CORRELATORS
A METHOD OF DETERMINING CROSS-CORRELATION COEFFICIENTS OF TIME-VARYING SIGNALS,
AD-629 325 20N T 66 08

RADIO TELESCOPES, PUERTO RICO
ARECIBO RADAR-RADIO TELESCOPE-DESIGN AND CONSTRUCTION,
AD-629 468 9E T 66 08

RADIO TRANSMISSIONS, ATMOSPHERIC REFRACTION
RADIO REFRACTION BY THE MARINE LAYER AND ITS EFFECT ON MICROWAVE PROPAGATION.
AD-451 653 20N U 41 07 HC$ 1.00

RADIO TRANSMISSION, ATMOSPHERE ENTRY
RF BREAKDOWN NEAR A CONICAL RE-ENTRY BODY.
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50

RADIO TRANSMISSION, IONOSPHERIC PROPAGATION
VLF RELATIVE PHASE PREDICTIONS FOR SELECTED TRANSMISSION PATHS.
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75

RADIO TRANSMISSION, PLASMA MEDIUM
THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. II. NONLINEAR REFLECTION AND TRANSMISSION COEFFICIENTS OF AN INHOMOGENEOUS PLASMA SLAB.
AD-628 910 20I T 66 08

RADIO TRANSMISSION, SATELLITES (ARTIFICIAL)
SATELLITE-TO-SATELLITE RADIO PROPAGATION EXPERIMENT.
AD-628 222 20N T 66 07 HC$12.60 MF$ 1.00

RADIO TRANSMITTERS, IMPLANTS
BODY MOISTURE AND THE OPERATING LIFE OF IMPLANTABLE HEART RATE TRANSMITTERS,
AD-628 262 6B T 66 07

RADIO WAVES, ATMOSPHERIC REFRACTION
A STUDY OF SOME PROPERTIES OF DIFFRACTION PATTERNS PRODUCED BY RADIO WAVES FROM ARTIFICIAL SATELLITES.
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50

RADIO WAVES, ATMOSPHERIC SOUNDING
A NEW TECHNIQUE FOR THE MEASUREMENT OF THE ELECTRON/ION TEMPERATURE RATIO AT HIGH ALTITUDES,
AD-629 310 4A T 66 08

RADIO WAVES, GAS IONIZATION
THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. I. KINETICS OF HIGH-TEMPERATURE AIR IN THE PRESENCE OF AN ELECTROMAGNETIC FIELD.
AD-628 906 20I T 66 08

THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. II. NONLINEAR REFLECTION AND TRANSMISSION COEFFICIENTS OF AN INHOMOGENEOUS PLASMA SLAB.
AD-628 910 20I T 66 08

RADIO WAVES, IONOSPHERIC PROPAGATION
ON THE USE OF VLF MEASUREMENTS FOR OBTAINING INFORMATION ON THE LOWER IONOSPHERE (ESPECIALLY DURING SOLAR FLARES),
AD-629 332 4A T 66 08

RADIO WAVES, PROPAGATION
PROPAGATION OF ELECTROMAGNETIC PULSES IN TERRESTRIAL WAVEGUIDES,
AD-628 240 20N T 66 07

ATLANTIC, DUCT PROJECT.
AD-628 816 20N T 66 07 HC$ 1.10 MF$ 0.50

MULTIPATH ENVIRONMENT SIMULATOR.
AD-628 871 20N T 66 07 HC$ 2.60 MF$ 0.50

EFFECTS OF TOPOGRAPHY AND REFRACTIVE INDEX ON LOW-ANGLE 3 CM RADIO WAVES.
AD-629 226 20N T 66 08 HC$11.60 MF$ 0.75

RADIO FADING AND THE NATURAL ELECTROMAGNETIC BACKGROUND,
AD-629 319 20N T 66 08

GROUND SYSTEM EFFECT ON HIGH FREQUENCY ANTENNA PROPAGATION,
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50

RADIOACTIVE WASTE, CESIUM
RECOVERY OF 137 CS FROM FISSION-PRODUCT WASTES AND TRANSPORT BY AN ALUMINOSILICATE ION EXCHANGER,
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50

RADIOACTIVE FALLOUT, ATMOSPHERIC PRECIPITATION
STUDIES OF NUCLEAR DEBRIS IN PRECIPITATION,
NYO-2415-12 18H U 41 08 HC$ 2.00 MF$ 0.50

RADIOACTIVE FALLOUT, ATMOSPHERIC MOTION
THE INFLUENCE OF LOCAL WINDS ON FALLOUT.
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50

RADIOACTIVE FALLOUT, MATHEMATICAL MODELS
DEVELOPMENT OF AN IMPROVED LAND-SURFACE FALLOUT MODEL.
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00

RADIOACTIVE FALLOUT, NUCLEAR WEAPONS
RADIOACTIVE FALLOUT FROM NUCLEAR WEAPONS TESTS,
CONF-765 18H U 41 08 HC$ 6.50 MF$ 3.75

RADIOACTIVE FALLOUT, PLANTS(BOTANY)
INTERCEPTION AND RETENTION OF RADIOACTIVE FALLOUT BY DESERT SHRUBS IN THE SEDAN FALLOUT FIELD. PROJECT 62.83 OF PROJECT SEDAN,
PNE-238F 18H U 41 08 HC$ 2.00 MF$ 0.50

RADIOACTIVE FALLOUT, SHELTERS
EXPERIMENTAL RADIATION MEASUREMENTS IN CONVENTIONAL STRUCTURES. PART III. THE ATTENUATION OF AIR-SCATTERED RADIATION IN A BASEMENT,
CEX-59.7B 18H U 41 08 HC$ 1.00 MF$ 0.75

RADIOACTIVE FALLOUT, SIMULATION
DISTRIBUTION OF VOLCANIC FALLOUT IN AND ABOUT A ONE-STORY RESIDENCE,
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75

RADIOACTIVE ISOTOPES, BIBLIOGRAPHIES
RADIOISOTOPE HEAT SOURCE EVALUATION PROGRAM.
N66-12928 18B U 41 08 HC$ 6.00 MF$ 1.50

RADIOACTIVE ISOTOPES, CONTAINERS
STRUCTURAL INTEGRITY OF SHIPPING CONTAINERS FOR RADIOACTIVE MATERIALS. PART IV. A DISCUSSION OF APPROACHES TO THE VEHICLECOLLISION PROBLEM,
NYO-2539-3 13D U 41 07 HC$ 1.00 MF$ 0.50

RADIOACTIVE ISOTOPES, CORN
WOUNDING RESPONSE IN RELATION TO POLAR TRANSPORT OF RADIOCALCIUM IN ISOLATED ROOT SEGMENTS OF ZEA MAYS,
AD-628 805 6C T 66 07 HC$ 1.60 MF$ 0.50

RADIOACTIVE ISOTOPES, PHYSIOLOGY
PHYSIOLOGICAL STUDIES EMPLOYING RADIOISOTOPES,
TID-3515 18B U 41 07 HC$ 6.00 MF$ 1.50

RADIOACTIVE ISOTOPES, PREPARATION
PREPARATION OF HIGH SPECIFIC ACTIVITY SN125 RADIOTRACER,
PB-169 141 18B U 41 07 HC$ 1.00 MF$ 0.50

RADIOACTIVE WASTE, DECONTAMINATION
PILOT PLANT DEMONSTRATION OF THE DECONTAMINATION OF LOW-LEVEL PROCESS WASTES BY A RECYCLE SCAVENGING-PRECIPITATION IONEXCHANGE PROCESS.
ORNL-3863 7A U 41 08 HC$ 2.00 MF$ 0.50

RADIOACTIVE WASTE, DISPOSAL
HEALTH PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING JULY 31, 1965.
ORNL-3849 6R U 41 07 HC$ 6.00 MF$ 1.25

AN ECONOMIC STUDY OF THE C.E.N. RADIOACTIVE WASTE TREATMENT PLANT,
TID-21786 18G U 41 07 HC$ 3.00 MF$ 0.75

RADIOACTIVE WASTE, PROCESSING
RESEARCH AND DEVELOPMENT ACTIVITIES FIXATION OF RADIOACTIVE RESIDUES.
BNWL-139 18G U 41 08 HC$ 2.00 MF$ 0.50

RADIOACTIVE WASTE, SEPARATION
RECOVERY OF STRONTIUM FROM STORED PUREX WASTE BY LEAD SULFATE CARRIER PRECIPITATION. PILOT PLANT STUDIES,
BNWL-4 18G U 41 07 HC$ 2.00 MF$ 0.50

RADIOACTIVE WASTE, STORAGE TANKS
LEAKS IN RADIOACTIVE-WASTE TANKS,
DP-990 18G U 41 08 HC$ 2.00 MF$ 0.50

RADIOACTIVITY, MEASUREMENT

THE USE OF A DEEP-WATER GAMMA RADIOMETER FOR THE MEASUREMENT OF RADIOACTIVITY IN THE OCEAN,
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50

RADIOCHEMISTRY, METALS
RADIOCHEMICAL PURIFICATION PROCEDURES FOR THE ELEMENTS,
UCRL-14258 7B U 41 08 HC$ 4.00 MF$ 1.00

RADIOCHEMISTRY, CESIUM
CESIUM 131 TRACER FOR YIELD DETERMINATION IN CESIUM RADIOCHEMISTRY.
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50

RADIOCHEMISTRY, CHEMICAL ANALYSIS
RADIOCHEMICAL ANALYSIS: ACTIVATION ANALYSIS, INSTRUMENTATION, RADIATION TECHNIQUES, AND RADIOISOTOPE TECHNIQUES JULY 1964 TO JUNE 1965,
C13.46-276 7E U 41 07 MF$ 1.00

RADIOCHEMISTRY, SCIENTIFIC RESEARCH
MOUND LABORATORY PROGRESS REPORT FOR MAY 1965,
MLM-1266 7E U 41 07 HC$ 2.00 MF$ 0.50

RADIOFREQUENCY AMPLIFIERS, DESIGN
AMPLIFIER ASSEMBLY AM-4006( ) /FCC-17 (SUPERGROUP CARRIER AMPLIFIER),
AD-628 157 9E T 66 07 HC$ 3.60 MF$ 0.50

RADIOFREQUENCY AMPLIFIERS, PRODUCTION
AMPLIFIER ASSEMBLY AM-4006( ) /FCC-17 (SUPERGROUP CARRIER AMPLIFIER),
AD-628 158 9E T 66 07 HC$ 2.60 MF$ 0.50

RADIOFREQUENCY FILTERS, CERAMIC MATERIALS
PRODUCTION ENGINEERING MEASURE FOR CERAMIC FILTERS,
AD-629 718 9A T 66 08 HC$ 1.00 MF$ 0.50

RADIOFREQUENCY INTERFERENCE, KOREA
ELECTROMAGNETIC ENVIRONMENTAL SURVEY, KUNSAN AB, KOREA, 5 OCTOBER 1965 - 24 OCTOBER 1965,
AD-628 227 17B T 66 07 HC$ 2.00 MF$ 0.75

RADIOFREQUENCY INTERFERENCE, SOLAR ECLIPSES
SATELLITE SCINTILLATIONS OBSERVED DURING THE JULY 1963 SOLAR ECLIPSE,
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

RADIOFREQUENCY INTERFERENCE, TERRESTRIAL MAGNETISM
RADIO FADING AND THE NATURAL ELECTROMAGNETIC BACKGROUND,
AD-629 319 20N T 66 08

RADIOFREQUENCY, PHASE CONTROL DEVICES
ANALYSIS OF A PROTON LINEAR ACCELERATOR RF SYSTEM AND APPLICATION TO RF PHASE CONTROL,
LA-3372 20G U 41 08 HC$ 7.00 MF$ 1.50

RADIOFREQUENCY, STANDARDS
CALIBRATION FACILITY FOR RF QUANTITIES OFFERS CENTRAL TIE-IN FOR TESTING LABS,
AD-629 752 14B T 66 08

RADIOFREQUENCY, TELEVISION EQUIPMENT
RADIO FREQUENCY SYSTEMS. MILLIMETER WAVES STUDY,
N66-10618 9F U 41 08 HC$ 2.00 MF$ 0.50

RADIOLOGICAL CONTAMINATION, ENVIRONMENTAL TESTS
EVALUATION OF RADIOLOGICAL CONDITIONS IN THE VICINITY OF HANFORD, JANUARY-JUNE 1965,
BNWL-165 6R U 41 08 HC$ 2.00 MF$ 0.50

RADIOLOGICAL CONTAMINATION, HYDROLOGY
POST-SHOT HYDROLOGIC SAFETY,
AD-629 407 18C T 66 08 HC$ 3.00 MF$ 0.50

RADIOLOGICAL CONTAMINATION, SAMPLERS
IODINE 131 SAMPLING WITH ACTIVATED CHARCOAL AND CHARCOAL-IMPREGNATED FILTER PAPER,
LA-3363 6R U 41 07 HC$ 1.00 MF$ 0.50

RADIOLOGICAL WARFARE, AGRICULTURE
POSTATTACK FARM PROBLEMS. PART II. ATTACK EFFECTS ON INPUTS AND FARM OUTPUT,
AD-629 139 15C T 66 08 HC$19.20 MF$ 1.25

RADIOMETERS, HORIZON SCANNERS
MOLECULAR ATMOSPHERIC OXYGEN HORIZON STUDY RADIOMETRIC MEASUREMENT INSTRUMENT,
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75

RADIOMETERS, MICROWAVES
MICROWAVE RADIOMETRY AND THE NOLC X-BAND RADIOMETER PROGRAM,
AD-629 722 17I T 66 08 HC$ 2.00 MF$ 0.50

RADIOMETERS, SUBMILLIMETER WAVES
AN INTERFEROMETRIC RECEIVER FOR SUBMILLIMETER RADIOMETRY,
N66-10882 14B U 41 08 HC$ 5.00 MF$ 1.00

RADIOMETERS, UNDERWATER
THE USE OF A DEEP-WATER GAMMA RADIOMETER FOR THE MEASUREMENT OF RADIOACTIVITY IN THE OCEAN,
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50

RADIOPROTECTIVE AGENTS, BIOLOGICAL ASSAY
USAF RADIATION LABORATORY QUARTERLY PROGRESS REPORT NO. 58,
AD-629 311 6R T 66 08 HC$ 2.00 MF$ 0.50

RADIOSONDES, DOPPLER EFFECT
THE COORDINATE-DOPPLER METHOD OF WIND OBSERVATION,
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50

RADIOWAVES, IONOSPHERIC PROPAGATION
FURTHER OBSERVATIONS OF SUNRISE AND SUNSET FADING OF VERY-LOW-FREQUENCY SIGNALS,
AD-629 331 20N T 66 08

RADOMES, ELECTRICAL PROPERTIES
MEASUREMENT OF ELECTRICAL PROPERTIES OF HIGH TEMPERATURE RADOME MATERIALS BY MEANS OF THE XB 3000A DIELECTROMETER,
AD-629 454 17I T 66 08 HC$ 4.00 MF$ 1.00

RAILROAD CARS, SHOCK(MECHANICS)
TRANSPORTATION SHOCK AND VIBRATION, VOLUME 2, APPENDIX D,
N66-10937 20K U 41 08 HC$ 7.00 MF$ 1.75

RAILROADS, CARGO
FREIGHT PROBLEMS OF NEW ENGLAND RAILROADS, SECTION I, SUMMARY OF FINDINGS AND IMPLICATIONS FOR FURTHER STUDY, SECTION 2, THE NEW ENGLAND RAILROAD STUDY: RAIL FREIGHT TRAFFIC PATTERNS (AN ABRIDGED VERSION),
PB-169 387 5C U 41 08 HC$ 5.00 MF$ 1.00

RAINFALL, CENTRAL AMERICA
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS,
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

RAINFALL, RADAR SCANNING
THE MAXIMUM RANGE OF RADAR DETECTION OF SHOWERS,
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50

RAMAN SPECTROSCOPY, LASERS
BEAM DETEORIATION AND STIMULATED RAMAN EFFECT,
AD-628 074 20F T 66 07 HC$ 1.00 MF$ 0.50

RARE EARTH COMPOUNDS, CHEMISTRY
CHEMISTRY OF RARE EARTH AND ACTINIDE DERIVATIVES TETRAPYRROL PIGMENT DERIVATIVES OF RARE EARTH ELEMENTS AND ACTINIDES: ANALYTICAL SURVEY,
AD-629 515 7C T 66 08 HC$ 2.00 MF$ 0.50

RARE EARTH COMPOUNDS, FLUORESCENCE
SELECTIVE ENHANCEMENT OF FLUORESCENCE FROM SOME RARE-EARTH SALTS IN SOLUTION,
AD-628 585 7D T 66 07

RARE EARTH COMPOUNDS, LASERS
LIQUID LASER PARAMETERS,
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

RARE EARTH COMPOUNDS, MAGNETIC PROPERTIES
STRUCTURE AND MAGNETIC PROPERTIES OF TRANSITION AND LANTHANIDE METAL COMPOUNDS: UNUSUAL OXIDATION STATES,
AD-628 523 7D T 66 07 HC$ 1.60 MF$ 0.50

RARE EARTH ELEMENTS, ATOMIC ENERGY LEVELS
THE GROUND STATES AND RELATIVE STARK SPLITTINGS OF SOME TRIVALENT RARE EARTH IONS IN THE CUBIC CRYSTAL FIELD OF CALCIUM FLUORIDE,
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50

RARE EARTH ELEMENTS, CRYSTALLOGRAPHY
THE PHASE EQUILIBRIA AND CRYSTAL CHEMISTRY OF THE RARE EARTH GROUP VI SYSTEMS. III. NEODYMIUM-TELLURIUM,
AD-628 455 20L T 66 07

RARE EARTH ELEMENTS, ELECTRODEPOSI TION
ELECTRODEPOSITION OF ACTINIDES AND LANTHANIDES,
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50

RDX, EXPLOSION EFFECTS
ORIGIN OF DETONATION-GENERATED IONIZATION WAVES,
AD-629 231 19D T 66 08 HC$ 2.00 MF$ 0.50

DETONATION-GENERATED IONIZATION WAVES AT REDUCED PRESSURES,
AD-629 238 19D T 66 08 HC$ 2.00 MF$ 0.50

REACTION KINETICS, FLAMES
THEORETICAL AND EXPERIMENTAL STUDY OF REACTION KINETICS IN FLAMES,
AD-628 144 21B T 66 07 HC$ 1.60 MF$ 0.50

REACTION KINETICS, HELIUM
TEMPERATURE DEPENDENCE OF THE RATE OF CONVERSION OF HE(+) INTO HE2(+),
AD-628 447 7D T 66 07

COLLISIONAL-RADIATIVE RECOMBINATION OF HE2(+) INTO DISSOCIATIVE STATES,
AD-628 448 7D T 66 07

REACTION KINETICS, PROGRAMMING LANGUAGES
FORTRAN II PROGRAM FOR REDUCTION OF SPECTROPHOTOMETRIC REACTION KINETICS DATA,
RFP-629 9B U 41 08 HC$ 2.00 MF$ 0.50

REACTION(PSYCHOLOGY), MATHE MATICAL PREDICTION
A NOTE ON SOME ALTERNATIVE MODELS FOR RESPONSE BIAS CHANGES DURING FORCED-CHOICE DETECTION EXPERIMENTS,
AD-629 677 5J T 66 08 HC$ 1.60 MF$ 0.50

REACTOR MATERIALS, EXPERIMENTAL DATA
QUARTERLY TECHNICAL PROGRESS REPORT, AEC UNCLASSIFIED PROGRAMS, JULY-SEPTEMBER 1965,
NAA-SR-11650 18I U 41 08 HC$ 6.00 MF$ 1.25

REACTOR COOLANTS, CARBON DIOXIDE
LE CO2 DE REFROIDISSEMENT DES REACTEURS G 2/G 3 FUITES, ANALYSE, ACTIVITE (THE CO2 COOLING GAS FOR THE REACTORS G2/G3 (LEAKING, ANALYSIS, ACTIVITY)),
PB-169 228 18K U 41 08 HC$ 3.00 MF$ 0.75

REACTOR COOLANTS, FLUID FLOW

ETUDE AERODYNAMIQUE DE L'ECOULEMENT FLUIDE DANS UN CANAL DE REACTEUR CHARGE EN ELEMENTS COMBUSTIBLES ANNULAIRES REFROIDIS INTERIEUREMENT ET EXTERIEUREMENT (AERODYNAMIC STUDY OF THE FLUID FLOW IN THE CHANNEL OF A REACTOR FILLED WITH INTERNALLY AND EXTERNALLY COOLED FUEL ELEMENTS),
PB-169 227 18K U 41 08 HC$ 3.00 MF$ 0.75

REACTOR CORES, GASES
WHEEL-FLOW GASEOUS-CORE REACTOR CONCEPT.
N66-10747 21F U 41 07 HC$ 1.00 MF$ 0.50

REACTOR CORES, REACTOR START-UP SOURCES
LA CROSSE BOILING WATER REACTOR FINAL PHYSICS DESIGN REPORT,
ACNP-64545 18L U 41 08 HC$ 2.00 MF$ 0.50

REACTOR FUEL ELEMENTS, DESIGN
CERAMIC-MATRIX-TYPE FUEL ELEMENT WITH GRAPHITE FABRIC AFFIXED TO EXTERIOR SURFACE.
PATENT 3,224,944 18J U 41 08

REACTOR FUEL ELEMENTS, POWER REACTORS
FUEL SPACER DEVELOPMENT,
DP-1002 18I U 41 08 HC$ 2.00 MF$ 0.50

REACTOR FUEL ELEMENTS, PROCESSING
PRODUCTION OF UO2 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

PRODUCTION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING TO FUEL ELEMENTS.
EURAEC-990 18J U 41 07 HC$ 2.00 MF$ 0.50

REACTOR FUEL ELEMENTS, STAINLESS STEEL
ICPP PROCESSING OF VBWR STAINLESS STEEL FUEL.
IDO-14658 18J U 41 08 HC$ 2.00 MF$ 0.50

REACTOR FUEL ELEMENTS, TESTS
ESH-4 TEST PROGRAM. REPORT ON FUEL ELEMENTS IRRADIATED IN THE E-SADE LOOP OF THE VALLECITOS BOILING WATER REACTOR,
ACNP-65006 18J U 41 07 HC$ 4.00 MF$ 0.75

FARET CORE I FUEL IRRADIATION PROGRAM AND REFERENCE DESIGN,
ANL-7106 18H U 41 07 HC$ 2.00 MF$ 0.50

REACTOR FUEL ELEMENTS, URANIUM
DEVELOPMENT OF A CONTINUOUS ELECTROLYTIC PROCESS FOR RECOVERY OF URANIUM FROM HIGH-ENRICHED STAINLESS STEEL AND NICHROME FUELS,
IDO-14643 18J U 41 07 HC$ 3.00 MF$ 0.75

REACTOR FUEL ELEMENTS, URANIUM ALLOYS
EFFECT OF MICROSTRUCTURE ON CAVITATIONAL SWELLING OF DILUTE URANIUM ALLOYS,
CONF-650904-4 18J U 41 08 HC$ 1.00 MF$ 0.50

REACTOR FUEL PROCESSING, CHEMICAL ENGINEERING
CHEMICAL TECHNOLOGY DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING MAY 31, 1965.
ORNL-3830 7A U 41 08 HC$ 7.00 MF$ 1.50

REACTOR FUEL PROCESSING, METALLOGRA PHY
PHASE STUDIES OF U20W/O PU-FS ALLOYS,
ANL-6974 18J U 41 08 HC$ 2.00 MF$ 0.50

REACTOR FUELS, CERAMIC MATERIALS
CERAMICS RESEARCH AND DEVELOPMENT QUARTERLY REPORT, APRIL-JUNE 1965.
BNWL-150 11B U 41 07 HC$ 4.00 MF$ 1.00

REACTOR FUELS, HOMOGENEOUS REACTORS
CATALOG OF NUCLEAR REACTOR CONCEPTS. PART I. HOMOGENEOUS AND QUASI-HOMOGENEOUS REACTORS. SECTION III. REACTORS FUELED WITH MOLTEN-SALT SOLUTIONS,
ANL-7092 21F U 41 08 HC$ 3.00 MF$ 0.75

REACTOR FUELS, PARTICLE SIZE
A NUCLEAR FUEL CONSISTING OF VERY SMALL, UNIFORMLY DISPERSED UC PARTICLES IN A URANIUM MATRIX.
NCSC-2981-1 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-2 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-3 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-5 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-6 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-7 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-8 18J U 41 07 HC$ 1.00 MF$ 0.50

REACTOR FUELS, PLUTONIUM
TERMINAL REPORT FOR THE MARK IV (PLUTON- IUM) LOADING IN EBR-I,
ANL-6865 18I U 41 08 HC$ 3.00 MF$ 0.75

PHOENIX FUEL PROGRAM PROGRESS REPORT, FY-1965,
BNWL-152 18I U 41 08 HC$ 2.00 MF$ 0.50

REACTOR FUELS, PLUTONIUM ALLOYS
REACTOR FUELS AND MATERIALS DEVELOPMENT PLUTONIUM RESEARCH APRIL-JUNE 1965,
MLM-1283 18J U 41 07 HC$ 4.00 MF$ 0.50

REACTOR FUELS, RADIOACTIVE ISOTOPES
RADIOISOTOPE-FUELED AUXILIARY POWER UNIT.
MND-P-3006 18N U 41 08 HC$ 4.00 MF$ 0.75

MND-P-3007 18N U 41 08 HC$ 5.00 MF$ 1.00

REACTOR FUELS, THERMAL REACTORS
FUEL CONSERVATION INDEXES FOR THERMAL REACTORS,
HW-79287 18I U 41 07 HC$ 3.00 MF$ 0.75

REACTOR KINETICS, FAST REACTORS
NONLINEAR REACTOR KINETICS,
MMPP-FRPC-64-3 18K U 41 07 HC$ 2.00 MF$ 0.50

REACTOR LATTICE PARAMETERS, NUCLEAR ENGINEERING
PHYSICS RESEARCH QUARTERLY REPORT, APRIL-JUNE 1965.
BNWL-149 18H U 41 08 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, CREEP
A HIGH TEMPERATURE CREEP MACHINE FOR IN-CELL OPERATION,
BNWL-137 18J U 41 08 HC$ 1.00 MF$ 0.50

REACTOR MATERIALS, CRITICAL ASSEMBLIES
PHYSICS RESEARCH QUARTERLY REPORT, APRIL-JUNE 1965.
BNWL-149 18H U 41 08 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, NUCLEAR ENGINEERING
REACTOR DEVELOPMENT PROGRAM PROGRESS REPORT, SEPTEMBER 1965.
ANL-7105 18I U 41 08 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, NUCLEAR ENGINEERING
REACTOR DEVELOPMENT PROGRAM PROGRESS REPORT, OCTOBER 1965.
ANL-7115 18I U 41 08 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, QUANTITATIVE ANALYSIS
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JULY 1964 TO JUNE 1965,
C13.46-275 7D U 41 07 MF$ 0.75

REACTOR MATERIALS, REACTOR FUEL ELEMENTS
LARGE FAST REACTOR DESIGN STUDY.
ACNP-63580 18I U 41 07 HC$ 1.00 MF$ 0.50

REACTOR MATERIALS, SCIENTIFIC RESEARCH
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING OCTOBER 1965,
BMI-1748 (DEL.) 18J U 41 08 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, SODIUM GRAPHITE REACTORS
PROCEEDINGS OF SODIUM COMPONENTS DEVELOPMENT PROGRAM, INFORMATION MEETING, CHICAGO, ILLINOIS, JUNE 16-17, 1965.
CONF-650620 18I U 41 08 HC$ 3.00 MF$ 1.50

REACTOR MATERIALS, THORIUM
NONUNIFORM TEMPERATURE EFFECTS ON THORIUM RESONANCE ABSORPTION,
BAW-3125-3 18J U 41 07 HC$ 1.00 MF$ 0.50

REACTOR MODERATORS, HELIUM
CONTROL OF THE DISSOLVED GASES IN THE MODERATOR OF THE HEAVY WATER COMPONENTS TEST REACTOR,
DP-988 18I U 41 08 HC$ 2.00 MF$ 0.50

REACTOR OPERATIONS, BOILING WATER REACTORS
FREQUENCY-RESPONSE ANALYSIS OF STEAM VOIDS TO SINUSOIDAL POWER MODULATION IN A THIN-WALLED BOILING WATER COOLANT CHANNEL.
ANL-7041 20M U 41 08 HC$ 5.00 MF$ 1.00

REACTOR SAFETY SYSTEMS, BIBLIOGRAPHIES
REACTOR SAFETY. A LITERATURE SEARCH,
TID-3525 18I U 41 07 HC$ 3.00 MF$ 0.75

REACTOR SAFETY SYSTEMS, NUCLEAR REACTORS
STUDIES OF REACTOR CONTAINMENT.
IITRI-T6042-11 18J U 41 07 HC$ 2.00 MF$ 0.50

REACTOR SHIELDING MATERIALS, GAMMA-RAY SPECTRA
MEASURED GAMMA SPECTRA BEHIND VARIOUS THICKNESSES OF BERYLLIUM, BERYLLIUM OXIDE, AND LITHIUM HYDRIDE,
APEX-700 18J U 41 08 HC$ 3.00 MF$ 1.00

REACTOR SHIELDING MATERIALS, TEST REACTORS
BORONATED GRAPHITE IRRADIATION STUDIES SUMMARY REPORT OF THERMAL-NEOTRON-SHIELDED EXPERIMENTS CONDUCTED IN THE ETR,
BNWL-161 18F U 41 08 HC$ 1.00 MF$ 0.50

READING, LEARNING
COMPREHENSION BY READING VERSUS HEARING.
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50

REASONING, PSYCHOMETRICS
MULTIDIMENSIONAL SCALING AND COGNITION: I. RELATIONS AMONG JUDGEMENTS OBTAINED UNDER VARYING CONDITIONS,
AD-628 221 5J T 66 07 HC$ 2.00 MF$ 0.50

RECALL, PSYCHOMETRICS
FREE LEARNING AND RECALL AS A FUNCTION OF UNIT-SEQUENCE AND LETTER-SEQUENCE INTERFERENCE,
AD-628 641 5J T 66 07

NOTE ON INDIVIDUAL STORAGE LOADS AND INDIVIDUAL LOAD REDUCTIONS,
AD-629 697 5J T 66 08

RECALL, SPEECH
PRESENTATION RATE, REPETITION, AND ORGANIZATION IN AUDITORY

SHORT-TERM MEMORY.
AU-629 102 5J T 66 08

RECALL, VOCABULARY
FALSE RECOGNITION PRODUCED BY IMPLICIT VERBAL RESPONSES.
AD-628 640 5J T 66 07

RECOMBINA TION REACTIONS, REACTION KINETICS
COLLISIONAL-RADIATIVE RECOMBINATION OF HE2(+) INTO DISSOCIATIVE STATES.
AD-628 448 7D T 66 07

RECONBINATION REACTIONS, SILICONE
CARRIER LIFETIME MEASUREMENTS AND RECOMBINATION CHARACTERISTICS IN SILICON AND STUDIES PHENOMENA ASSOCIATED WITH RADIATION INDUCED DEFECT LEVELS.
N66-10647 20L U 41 08 HC$ 1.00 MF$ 0.50

RECON NAISSANCE SATELLITES, SOFT LANDINGS
MARS LANDING AND RECONNAISSANCE MISSION ENVIRONMENTAL CONTROL AND LIFE SUPPORT SYSTEM STUDY. VOLUME 2. SUBSYSTEM STUDIES.
N66-10938 6K U 41 08 HC$ 7.00 MF$ 2.00

RECORDING SYSTEMS, CONTROL SYSTEMS
SIMPLE SWITCHING CIRCUIT THAT KEEPS RECORDER ON SCALE.
AD-629 140 14C T 66 08

RECOVERY VEHICLES, PAYLOAD
APPARATUS FOR HIGH-VELOCITY RECOVERY.
PATENT 3,221,656 16C U 41 07

RECRUITING, AIR FORCE PERSONNEL
A METHOD FOR ESTABLISHING USAF RECRUITING SERVICE GROUP ENLISTMENT OBJECTIVES BASED ON APTITUDE AND INTEREST CHARACTERISTICS.
AD-629 574 5I T 66 08 HC$ 2.60 MF$ 0.50

RECTIFIERS, GAMMA RAYS
EFFECTS OF GAMMA RADIATION ON SCR'S USED IN SWITCHING MODE AND IN APPLICATION TO ATTITUDE CONTROL MOTOR DRIVE BRIDGE.
N66-11201 9A U 41 08 HC$ 1.00 MF$ 0.50

RECURSIVE FUNCTIONS, TOPOLOGY
GENERALIZED RECURRENCE IN DYNAMICAL SYSTEMS.
AD-629 269 12A T 66 08

REDUCTION(CHEMISTRY), STEREOCHEMISTRY
SELECTIVE REDUCTIONS. VIII. THE STEREOCHEMISTRY OF REDUCTION OF CYCLIC AND BICYCLIC KETONES BY THE ALKOXY-SUBSTITUTED LITHIUM ALUMINUM HYDRIDES.
AD-629 470 7C T 66 08

REDUCTION(CHEMISTRY, ORGANIC COMPOUNDS)
SELECTIVE REDUCTIONS. VII. REACTION OF LITHIUM TRIMETHOXYALUMINOHYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS.
AD-629 450 7C T 66 08

REENTRY VEHICLES, ATMOSPHERE ENTRY
RECOVERY OF INTERPLANETARY VEHICLES BY LOW-THRUST BRAKING OUTSIDE THE ATMOSPHERE.
AD-629 209 22C T 66 08

REENTRY VEHICLES, CONTROL SYSTEMS
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS.
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

REENTRY VEHICLES, HYPERSONIC FLIGHT
THE LONGITUDINAL AND LATERAL RANGE OF HYPERSONIC GLIDE VEHICLES WITH CONSTANT BANK ANGLE.
AD-629 124 22B T 66 08 HC$ 5.60 MF$ 0.50

REENTRY VEHICLES, RADIO TRANSMISSION
RF BREAKDOWN NEAR A CONICAL RE-ENTRY BODY.
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50

REENTRY VEHICLES, SPECIFICATIONS
CONTRACTOR DATA REQUIREMENTS LIST. SEQUENCE NUMBER 71.
AD-628 878 22B T 66 07 HC$ 2.00 MF$ 0.50

REFLECTOMETERS, LASERS
PROCEDURES FOR PRECISE DETERMINATION OF THERMAL RADIATION PROPERTIES, NOVEMBER 1963 TO OCTOBER 1964.
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75

REFLECTOMETERS, PORTABLE
TWO APPROACHES TO A PORTABLE COLOR -MEASURING SYSTEM.
AD-629 784 20F T 66 08 HC$ 1.00 MF$ 0.50

REFLECTOMETERS, TEST EQUIPMENT
ACCURATE REFLECTANCE MEASUREMENTS. ELLIPSOIDAL MIRROR REFLECTOMETER.
N66-10936 14B U 41 08 HC$ 1.00 MF$ 0.50

REFLECTORS, ANTENNA FEEDS
TRANSVERSE ANTENNA FEEDS.
AD-628 509 9E T 66 07 HC$ 7.60 MF$ 0.75

TRASVERSE FOCAL REGION FIELDS OF A SPHERICAL REFLECTOR.
AD-628 582 9E T 66 07 HC$ 9.60 MF$ 0.75

REFLECTORS, SURFACES
REFLECTOR SURFACE DEVIATIONS IN LARGE PARABOLIC ANTENNAS.
AD-629 410 9E T 66 08

REFRACTION, POLYMERS
CALCULATION OF CRYSTAL BIREFRINGENCE AND INFRARED DICHROISM IN POLYMERIC SAMPLES FROM X-RAY POLE FIGURE DATA.
AD-628 503 11I T 66 07 HC$ 3.60 MF$ 0.50

REFRACTIVE INDEX, ATMOSPHERE REFRACTION
TABLES AND FORMULAS FOR COMPUTATION OF REFRACTIVE INDEX OF THE ATMOSPHERE FOR MICRO-WAVES AND LIGHT WAVES.
PB-169 332 4A U 41 08 HC$ 7.60 MF$ 0.75

REFRACTIVE INDEX, EQUATIONS
UNIFIED REFRACTIVE INDEX AND DISPERSION EQUATIONS.
AD-628 473 20F T 66 07

REFRACTIVE INDEX, LIQUEFIED GASES
REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE.
AD-629 252 7D T 66 08

REFRACTIVE INDEX, PLASMA MEDIUM
INDEX OF REFRACTION SURFACES FOR PLASMA WAVES.
AD-628 273 20I T 66 07

REFRACTOMETERS, ENVIRONMENTAL TESTS
REFRACTOMETER RESPONSE TO A HUMID ENVIRONMENT.
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75

REFRACTORY MATERIALS, CHEMICAL ANALYSIS
METHODS OF ANALYSIS OF METAL REFRACTORIES. BORIDES, CARBIDES AND NITRIDES OF HAFNIUM NIOBIUM, TANTALUM, TITANIUM AND ZIRCONIUM.
AD-459 048 7B U 41 08 HC$ 2.00

REFRACTORY MATERIALS, DIFFUSION
DIFFUSION STUDIES IN REFRACTORY MATERIALS.
AD-628 610 11B T 66 07 HC$ 1.60 MF$ 0.50

REFRACTORY MATERIALS, OXIDATION
KINETIC AND AERODYNAMIC ASPECTS OF THE OXIDATION OF MATERIALS BY PARTIALLY DISSOCIATED GASES.
AD-628 515 11B T 66 07 HC$ 2.60 MF$ 0.50

REFRACTORY MATERIALS, STABILITY
CERTAIN PROPERTIES OF CALCIUM-OXIDE REFRACTORIES.
AD-629 228 11B T 66 08 HC$ 1.00 MF$ 0.50

REFRACTORY METAL ALLOYS, CHEMICAL ANALYSIS
GENERAL METHOD FOR ANALYZING REFRACTORY METAL ALLOYS USING THE VACUUM CUP ELECTRODE.
TIM-904 7D U 41 08 HC$ 2.00 MF$ 0.50

REFRACTORY METAL ALLOYS, CREEP
GENERATION OF LONG TIME CREEP DATA OF REFRACTORY ALLOYS AT ELEVATED TEMPERATURES.
N66-10702 11F U 41 08 HC$ 4.00 MF$ 0.75

REFRACTORY METALS, CORROSION
KINETIC AND AERODYNAMIC ASPECTS OF THE OXIDATION OF MATERIALS BY PARTIALLY DISSOCIATED GASES.
AD-628 515 11B T 66 07 HC$ 2.60 MF$ 0.50

REFRACTORY METALS, OXIDES
DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF SOME REFRACTORY METAL OXIDES.
AD-629 490 11B T 66 08

REFRACTORY METALS, THERMAL EXPANSION
ENTHALPY AND THERMAL EXPANSION OF SEVERAL REFRACTORY METALS TO 2500 DEGREE C.
GE-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50

REIN FORCED CONCRETE, SHIP STRUCTURAL PARTS
THE PROSPECTS FOR USING SAND CONCRETES FOR BUILDING REINFORCED CONCRETE SHIPS, ARMORED CEMENT SHIPS, AND ONE-PIECE INTERSECTIONAL JOINTS.
AD-629 510 13J T 66 08 HC$ 1.00 MF$ 0.50

REINFORCED CONCRETE, CIVIL ENGINEERING
REINFORCED CONCRETE. DESIGN DATA.
AD-628 139 13M T 66 07 MF$ 1.00

REINFORCED CONCRETE, PAVEMENTS
LOCKBOURNE NO. 1 - TEST TRACK, REPORT OF RECONSTRUCTION.
AD-628 290 13B T 66 07 HC$ 6.60 MF$ 0.75

REINFORCED CONCRETE, STRUCTURAL PARTS
ECCENTRICALLY LOADED LONG PILES.
AD-628 996 13M T 66 08 HC$11.60 MF$ 0.75

RELATIVITY THEORY, TIME
RESEARCH IN GRAVITATIONAL RADIATION AND SPACE TIME.
AD-432 200 20J U 41 08 HC$ 3.00

RELATIVITY THEORY, ATOMIC ORBITALS
ON A POSSIBLE METHOD FOR CORRECTING ATOMIC WAVEFUNCTIONS FOR RELATIVISTIC EFFECTS.
AD-629 022 7D T 66 08

RELATIVITY THEORY, GRAVITY
INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME II.
AD-628 885 20J T 66 08 HC$14.70 MF$ 1.00

INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME I.
AD-629 097 20J T 66 08 HC$ 6.60 MF$ 0.75

RELATIVITY THEORY, PARTIAL DIFFERENTIAL EQUATIONS
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE II: NORMED NULL BASES.
AD-628 329 20J T 66 07 HC$ 4.60 MF$ 0.50

RELATIVITY THEORY, SYMPOSIA
1965 CONFERENCE ON GENERAL RELATIVITY AND GRAVITATION.

AD-629 098 38 T 66 08 HC$ 1.10 MF$ 0.50

RELATIVITY THEORY, TENSOR ANALYSIS
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE I: GENERAL THEORY,
AD-628 330 20J T 66 07 HC$ 3.60 MF$ 0.50

RELAXATION TIME, CRYSTALS
ANELASTIC RELAXATIONS DUE TO POINT DEFECTS IN CRYSTALS,
NYO-2811-21 20B U 41 07 HC$ 3.00 MF$ 0.75

RELAXATION(PHYSIOLOGY), TOLERANCES (PHYSIOLOGY)
HYPOKINESIA SECONDARY TO CHAIR REST FROM 4 TO 10 DAYS,
AD-628 314 6S T 66 07

RELIABILITY(ELECTRONICS), OPTIMIZATION
APPLICATION OF PUNCHED CARD TECHNIQUES FOR OPTIMIZING RELIABILITY,
BDX-613-1 9B U 41 07 HC$ 1.00 MF$ 0.50

RELIABILITY, DETERMINATION
CONDITIONAL DISTRIBUTION OF TRUE RELIABILITY AFTER CORRECTIVE ACTION,
AD-629 084 14D T 66 08 HC$ 1.60 MF$ 0.50

RELIABILITY, STATISTICAL ANALYSIS
ESTIMATING MEAN RELIABILITY GROWTH,
AD-629 381 14D T 66 08 HC$ 2.00 MF$ 0.50

RELIABILITY, STATISTICAL TESTS
AN ANALYSIS OF THE ECONOMIC RISK OF THE EXPONENTIAL ASSUMPTION IN RELIABILITY TESTING,
AD-628 102 14D T 66 07 HC$ 8.60 MF$ 0.75

RELIABILITY, STOCHASTIC PROCESSES
A STOCHASTIC CHARACTERIZATION OF WEAR-OUT FOR COMPONENTS AND SYSTEMS,
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50

RELIABILITY, WEAPON SYSTEMS
ESTABLISHING RELIABILITY REQUIREMENTS FOR MILITARY WEAPON SYSTEMS AND EQUIPMENT,
AD-628 100 14D T 66 07 HC$ 6.60 MF$ 0.75

REPRODUCTIVE SYSTEM, AUTONOMIC NERVOUS SYSTEM
DISTRIBUTION AND FUNCTION OF ADRENERGIC NERVES IN THE RABBIT FALLOPIAN TUBE,
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50

REPRODUCTIVE SYSTEM, RHYTHM(BIOLOGY)
CIRCADIAN RHYTHM AND THE PHOTOPERIODIC REGULATION OF THE ANNUAL REPRODUCTIVE CYCLE IN BIRDS,
AD-628 688 6C T 66 07

RESEARCH PROGRAM ADMINISTRATION
RESEARCH PROGRAM ON THE ORGANIZATION AND MANAGEMENT OF R AND D. PROBLEM SOLVING STRATEGIES IN PARALLEL RESEARCH AND DEVELOP- MENT PROJECTS,
N66-10635 14A U 41 08 HC$ 2.00 MF$ 0.50

RESEARCH PROGRAM ADMINISTRATION, MANAGEMENT ENGINEERING
THE MANAGEMENT OF PROGRAMMED RESEARCH,
AD-629 268 5A T 66 08 HC$ 1.00 MF$ 0.50

RESERPINE, ENDOCRINE GLANDS
ACTION OF RESERPINE, IPRONIAZID AND PYROGALLOL ON NERVE ENDINGS OF THE PINEAL GLAND,
AD-629 054 6O T 66 08

RESERPINE, SLEEP
EFFETS DE RESERPINE, DOPA ET 5 HTP SUR LES DEUX ETATS DE SOMMEIL (EFFECTS OF RESERPINE, DOPA AND 5 HTP ON THE TWO STATES OF SLEEP),
AD-629 216 6O T 66 08

RESISTANCE(ELECTRICAL), LITHOSPHERE
RESULTS OF DEEP RESISTIVITY MEASUREMENTS IN SIX PRECAMBRIAN AREAS OF THE WESTERN U. S.
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50

DEEP RESISTIVITY INVESTIGATIONS IN THE CONTINENTAL UNITED STATES.
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75

AN INVESTIGATION OF THE MAGNETOTELLURIC METHOD FOR DETERMINING SUBSURFACE RESISTIVITIES,
AD-629 071 8G T 66 08 HC$ 4.00 MF$ 0.75

RESISTANCE(ELECTRICAL), MAGNETIC FIELDS
NEGATIVE MAGNETORESISTANCE IN TELLURIUM,
AD-629 508 20L T 66 08

RESISTORS, CERMETS
FABRICATION AND EVALUATION OF VACUUM DEPOSITED CERMET (CR-SIO) RESISTORS.
AD-629 128 9A T 66 08 HC$ 3.00 MF$ 0.50

RESONANCE ABSORPTION, THORIUM
NONUNIFORM TEMPERATURE EFFECTS ON THORIUM RESONANCE ABSORPTION.
BAW-3125-2 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-4 18K U 41 07 HC$ 3.00 MF$ 0.75

RESONANCE SCATTERING, PERTURBATION THEORY
RESONANCES IN THE SCATTERING OF ELECTRONS FROM ATOMS,
AD-629 001 7D T 66 08 HC$ 1.60 MF$ 0.50

RESONANCE SCATTERING, PROBABILITY
RESONANCE SCATTERING OF LYMAN-ALPHA RADIATION BY HYDROGEN IN THE GROUND STATE,
AD-628 493 20F T 66 07 HC$ 2.60 MF$ 0.50

RESONATORS, OPTICS
RAY THEORY OF OPTICAL RESONATORS AND BEAM WAVEGUIDES,
AD-628 355 20F T 66 07 HC$ 2.00 MF$ 0.50

INVESTIGATION OF ELECTRONIC INTERACTION WITH OPTICAL RESONATORS FOR MICROWAVE GENERATION AND AMPLIFICATION,
AD-629 153 20F T 66 08 HC$ 1.00 MF$ 0.50

RESPIRATION SYSTEM, FISSION PRODUCTS
SELECTIVE SUMMARY OF STUDIES ON THE FISSION PRODUCT INHALATION PROGRAM,
LF-28 18G U 41 08 HC$ 3.50 MF$ 1.50

RESPIRATORY DISEASES, NAVAL PERSONNEL
EPIDEMIOLOGY AND PREVENTION OF ACUTE RESPIRATORY DISEASE IN NAVAL RECRUITS,
AD-628 556 6E T 66 07

RETENTION, PSYCHOMETRICS
FREE LEARNING AND RECALL AS A FUNCTION OF UNIT-SEQUENCE AND LETTER-SEQUENCE INTERFERENCE,
AD-628 641 5J T 66 07

RETENTION, VOCABULARY
SHORT-TERM RETENTION AS A FUNCTION OF ITEM FREQUENCY,
AD-629 382 5J T 66 08

SHORT-TERM RETENTION AS A FUNCTION OF WORD FREQUENCY,
AD-629 383 5J T 66 08

RETINA, AMINES
IDENTIFICATION AND CELLULAR LOCALIZATION OF THE CATECHOLAMINES IN THE RETINA AND THE CHOROID OF THE RABBIT,
AD-629 221 6P T 66 08

RETINA, NERVE IMPULSES
ON THE ORIGIN OF THE DARK DISCHARGE OF RETINAL GANGLION CELLS,
AD-628 354 6P T 66 07

RETINA, PATHOLOGY
OBSERVATIONS ON EARLY PATHOLOGIC EFFECTS OF PHOTIC INJURY TO THE RABBIT RETINA. A LIGHT AND ELECTRON MICROSCOPIC STUDY,
AD-628 478 6E T 66 07

REVIEWS, SCIENTIFIC RESEARCH
FOREIGN SCIENCE BULLETIN VOL. 2, NO. 2,
AD-628 946 5A T 66 08 HC$ 3.00 MF$ 0.75

RHYTHM(BIOLOGY), BIRDS
CIRCADIAN RHYTHM AND THE PHOTOPERIODIC REGULATION OF THE ANNUAL REPRODUCTIVE CYCLE IN BIRDS,
AD-628 688 6C T 66 07

RHYTHM(BIOLOGY), NERVE CELLS
THE DEMONSTRATION AND MANIPULATION OF A CIRCADIAN RHYTHM IN A SINGLE NEURON,
AD-628 727 6C T 66 07

RIBONUCLEIC ACIDS, BIOSYNTHESIS
ACTINOMYCIN D: BLOCKAGE OF CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS,
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50

A DIFFERENTIATION IN RNA RESPONSE IN NEURONS EARLY AND LATE DURING LEARNING,
AD-628 365 6A T 66 07

CHANGES IN RNA CONTENT AND BASE COMPOSITION IN CORTICAL NEURONS OF RATS IN A LEARNING EXPERIMENT INVOLVING TRANSFER OF HANDEDNESS,
AD-628 366 6A T 66 07

RIBONUCLEIC ACIDS, LEARNING
RESEARCH ON INTRA NEURONAL MECHANISMS FOR INFORMATION STORAGE,
AD-628 899 6P T 66 08 HC$ 3.00 MF$ 0.50

RIBOSOMES, BACTERIOPHAGES
GENETIC REPLICATION AND MACROMOLECULAR SYNTHESIS IN TEMPERATE BACTERIOPHAGES,
AD-628 325 6N T 66 07 HC$ 1.60 MF$ 0.50

RINGS(MATHEMATICS), ALGEBRAIC GEOMETRY
PERFECT CLOSURES OF RINGS AND SCHEMES,
AD-628 703 12A T 66 07

RINGS, VIBRATION
A THEORETICAL AND EXPERIMENTAL STUDY OF THE NONLINEAR FLEXURAL VIBRATIONS OF THIN CIRCULAR RINGS,
N66-13024 20K U 41 07 HC$ 3.00 MF$ 0.75

ROCKET HEADS, MARKERS
DEVELOPMENT OF COLOR MARKER HEADS FOR THE 2.75-INCH ROCKET,
AD-629 037 19A T 66 08 HC$ 9.60 MF$ 0.75

ROCKET LAUNCHERS, SHIPS
IONOSPHERIC SOUNDINGS FROM MOBILE LAUNCH PLATFORM,
N66-12172 4A U 41 08 HC$ 1.00 MF$ 0.50

ROCKET MOTOR NOZZLES, STRESSES
A PHOTOMECHANICAL INVESTIGATION OF THE ALGOL SOLID PROPELLANT ROCKET MOTOR NOZZLE,
N66-10671 21H U 41 08 HC$ 3.00 MF$ 0.75

ROCKET MOTORS(SOLID PROPELLANT), ACOUSTIC PROPERTIES
ACOUSTIC LOSSES OF A SUBSCALE, COLD-FLOW ROCKET MOTOR FOR VARIOUS 'J' VALUES,
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75

ROCKET MOTORS(SOLID PROPELLANT), STABILITY
A MODEL FOR LOW-PRESSURE EXTINCTION OF SOLID ROCKET MOTORS.
AD-629 026 21H T 66 08

ROCKET MOTORS, CAPTIVE TESTS
APPARENT-WEIGHT MEASUREMENTS OF ROCKET PAYLOAD AND TEST STRUCTURES.
AD-628 894 21H T 66 08 HC$ 4.60 MF$ 0.50

ROCKET MOTORS, CONTROL SYSTEMS
STUDY OF SELECTED THRUST VECTOR CONTROL SYSTEMS FOR SOLID PROPELLANT MOTORS.
N66-10636 21H U 41 08 HC$ 5.00 MF$ 1.25

ROCKET MOTORS, FLIGHT TESTING
FLIGHT-TEST TEMPERATURE DATA FOR AN ALTAIR-IIC1 ROCKET MOTOR.
N65-30954 21H U 41 07 HC$ 2.00 MF$ 0.50

ROCKET MOTORS, LAUNCH VEHICLES(AEROSPACE)
SCOUT MOTOR PERFORMANCE ANALYSIS AND PREDICTION STUDY (PAPS).
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25

ROCKET MOTORS, LIQUID ROCKET PROPELLANTS
REFRACTORY THRUST CHAMBERS FOR SPACECRAFT ENGINES.
N66-12874 21H U 41 08 HC$ 5.00 MF$ 1.00

ROCKET MOTORS, PERFORMANCE (ENGINEERING)
CALCULATION OF ROCKET PERFORMANCE PARAMETERS BASED ON THE EQUILIBRIUM COMPOSITION OF THE COMBUSTION PRODUCTS.
N66-10689 21H U 41 08 HC$ 5.00 MF$ 1.00

ROCKET MOTORS, STARTING
INVESTIGATION OF THE STARTING CHARACTERISTIC OF THE M-1 ROCKET ENGINE USING THE ANALOG COMPUTER.
N66-12146 21H U 41 08 HC$ 2.00 MF$ 0.50

ROCKET MOTORS, THRUST VECTOR CONTROL SYSTEMS
DEVELOPMENT OF AN ALL-FLUID AMPLIFIER FOR LIQUID ROCKET APPLICATIONS.
N66-11619 21H U 41 08 HC$ 4.00 MF$ 1.00

ROCKET MOTORS, VIBRATION
MECHANICAL VIBRATION: A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES.
AD-628 920 21R T 66 08 HC$ 3.60 MF$ 0.50

ROCKET PROPELLANTS, BIBLIOGRAPHIES
LIQUID AND SOLID PROPELLANTS TECHNOLOGY: COMPILATION OF ABSTRACTS.
AD-628 166 21I T 66 07 HC$ 4.00 MF$ 1.00

ROCKET PROPULSION, NUCLEAR EXPLOSIONS
NUCLEAR PULSE PROPULSION.
AD-450 629 21F U 41 08 HC$ 1.00

ROCKET PROPULSION, SPACE PROBES
COMBINED HIGH-LOW THRUST PROPULSION FOR THE CLOSE SOLAR PROBE MISSION.
N66-12156 22B U 41 07 HC$ 2.00 MF$ 0.50

ROCKET RESEARCH, LABOR
TRENDS IN THE INDUSTRIAL AND OCCUPATIONAL COMPOSITION OF THE LABOR MARKET IN THE CAPE KENNEDY AREA.
N66-10759 5I U 41 08 HC$ 1.00 MF$ 0.50

ROCKETS, IONIZATION TRAILS
EFFECTS OF ROCKET OUTGASSING ON RF EXPERIMENTS.
AD-629 120 20I T 66 08

ROCKETS, THRUST
GODDARD PROBLEM WITH BOUNDED THRUST.
AD-629 261 19G T 66 08

ROCK(GEOLOGY), RESISTANCE(ELECTRICAL)
DEEP RESISTIVITY INVESTIGATIONS IN THE CONTINENTAL UNITED STATES.
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75

ROCK(GEOLOGY), HIGH-PRESSURE RESEARCH
INVESTIGATION OF THIN SAMPLES OF MINERAL ROCK UNDER CONDITIONS OF SHEAR DUE TO TORSION AND UNIDIRECTIONAL STRESS.
AD-629 046 8G T 66 08 HC$ 1.00 MF$ 0.50

ROCK(GEOLOGY), ULTRASONIC RADIATION
DEVELOPMENT OF CONTROLLED IMPULSE TECHNIQUE FOR IN SITU TESTING OF ROCK.
AD-628 860 8G T 66 07 HC$ 3.00 MF$ 0.75

RODS, STABILITY
STABILITY OF ELASTIC SYSTEMS.
AD-628 508 20K T 66 07 HC$13.45 MF$ 4.00

ROLLER BEARINGS, MECHANICS
A BASIC STUDY OF THE SLIDING CONTACTS IN ROLLING BEARINGS.
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50

ROLL, ROCKET TRAJECTORIES
AN APPROXIMATE METHOD FOR SOLVING THE SINGLE-DEGREE-OF-FREEDOM ROLL EQUATION WITH TIME-DEPENDENT COEFFICIENTS.
N66-13233 19D U 41 07 HC$ 1.00 MF$ 0.50

ROTATION, VESTIBULAR APPARATUS
MODIFICATION OF VESTIBULAR SENSITIVITY IN THE RAT.
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50

ROTOR BLADES(ROTARY WINGS), AERODYNAMIC LOADING
A METHOD FOR PREDICTING THE AERODYNAMIC LOADS AND DYNAMIC RESPONSE OF ROTOR BLADES.
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75

RUBIDIUM COMPOUNDS, MAGNETIC PROPERTIES
MAGNETIC STUDIES OF THE ANTIFERROMAGNET RBMNF3.
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50

RUBIDIUM, FLUORESCENCE
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. IV. ENERGY TRANSFER IN RUBIDIUM -RUBIDIUM COLLISIONS.
AD-628 744 7E T 66 07

RUBIDIUM, MOBILITY
MOBILITE DES IONS RB(+) ET CS(+) DANS LES GAZ A HAUTE PRESSION (MOBILITY OF RB(+) AND CS(+) IONS IN GASES AT HIGH PRESSURES).
PB-169 226 18K U 41 08 HC$ 3.00 MF$ 0.75

RUBY, CRYSTAL GROWTH
PRODUCTION ENGINEERING MEASURE FOR RUBY LASER RODS.
AD-629 170 20E T 66 08 HC$ 1.60 MF$ 0.50

RUBY, SINGLE CRYSTALS
VAPOR PHASE GROWTH OF RUBY MONOCRYSTALS.
AD-629 154 20B T 66 08 HC$ 3.60 MF$ 0.50

RUNWAYS, LOADING(MECHANICS)
DEFLECTIONS AND STRESSES IN CONCRETE PAVEMENTS OF AIRFIELDS WITH CONTINUOUS ELASTIC JOINTS.
AD-628 501 13B T 66 07 HC$20.10 MF$ 1.25

RUNWAYS, ROUGHNESS
RESPONSE OF A TURBOJET AND A PISTON-ENGINE TRANSPORT AIRPLANE TO RUNWAY ROUGHNESS.
N66-13235 1E U 41 07 HC$ 2.00 MF$ 0.50

RUNWAYS, SNOW
COMPACTED-SNOW RUNWAYS IN ANTARCTICA, DEEP FREEZE 61-64 TRIALS.
AD-629 675 8L T 66 08 HC$ 4.60 MF$ 0.50

RUNWAYS, TEST FACILITIES
LOCKBOURNE NO. 2. 300,000 POUND EXPERIMENTAL MAT. REPORT OF CONSTRUCTION.
AD-628 902 13B T 66 08 HC$20.30 MF$ 1.25

RUSSIAN LANGUAGE, MACHINE TRANSLA TION
RUSSIAN STENOTYPE EQUIPMENT. VOLUME III. RUSSIAN STENOTYPE TRAINING AND EVALUATION MACHINE.
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME IV. INSTRUCTOR'S TRAINING MANUAL FOR RUSSIAN STENOTYPE.
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN LANGUAGE, MACHINE TRANSLATION
RUSSIAN STENOTYPE EQUIPMENT. VOLUME I. RUSSIAN STENOTYPE SYSTEMS CODES, COMPUTER SYSTEMS, AND TRAINING.
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN STENOTYPE EQUIPMENT. VOLUME II. RUSSIAN STENOTYPE TERMINAL EQUIPMENT AND INPUT MULTIPLEXING.
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50

SAFETY DEVICES, WEIGHTLESSNESS
FEASIBILITY OF USING HANDRAILS TO MOVE ALONG A SURFACE WHILE WEIGHTLESS.
AD-628 596 22A T 66 07 HC$ 1.60 MF$ 0.50

SAFETY HARNESS, IMPACT TESTS
FEASIBILITY STUDY: LATERAL IMPACT WITH STANDARD AIRCRAFT HARNESS CONFIGURATION.
AD-629 077 13L T 66 08 HC$ 2.60 MF$ 0.50

SAFETY, NUCLEAR ENGINEERING
NUCLEAR SAFETY PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING JUNE 30, 1965.
ORNL-3843 18G U 41 07 HC$ 6.00 MF$ 1.00

SAFETY, ROADS
HIGHWAY SAFETY RESEARCH ORGANIZATIONS AND RESOURCES IN THE UNITED STATES.
PB-169 213 13L U 41 08 HC$ 3.00 MF$ 0.75

SALINITY, ATLANTIC OCEAN
AN INVESTIGATION OF THE INTERMEDIATE SALINITY MAXIMUM IN THE EQUATORIAL ATLANTIC DURING EQUALANT I.
AD-629 156 8J T 66 08 HC$ 4.00 MF$ 0.75

SALIVARY GLANDS, SECRETION
SEASONAL VARIATIONS IN HUMAN PAROTID FLUID FLOW RATE IN A SUBTROPICAL CLIMATE.
AD-629 730 6P T 66 08 HC$ 1.00 MF$ 0.50

SALTS, ELECTRICAL PROPERTIES
ELECTRONIC COMMUTATOR DETERMINATION OF E OF FORMATION AND RELATED THERMODYNAMIC QUANTITIES FOR MOLTEN LEAD CHLORIDE.
AD-628 269 7D T 66 07

SALTS, VISCOSITY
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 2. SOME ALKALI AND ALKALINE EARTH CHLORIDES.
AD-629 651 7D T 66 08

VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 1. THEORETICAL PRINCIPLES OF THE OSCILLATING HOLLOW CYLINDER METHOD.
AD-629 652 7D T 66 08

SAMPLING, PROBABILITY
SAMPLING WITH UNEQUAL PROBABILITIES AND WITHOUT REPLACEMENT (EVALUATION OF ASYMPTOTIC VARIANCE FORMULAS).

AD-628 388 12A T 66 07 HC$ 1.60 MF$ 0.50

SAMPLING, QUALITY CONTROL
CHAIN SAMPLING INSPECTION PLANS- CHSP-0.4 AND CHSP-1.4.
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50

SAND, BEACHES
SAND MOVEMENT ALONG A PORTION OF THE NORTHERN CALIFORNIA COAST.
AD-628 866 8J T 66 07 HC$ 4.00 MF$ 1.00

SAND, PARTICLE SIZE
A LOGNORMAL SIZE DISTRIBUTION MODEL FOR ESTIMATING STABILITY OF BEACH FILL MATERIAL.
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50

SAPPHIRES, IMPURITIES
THE MECHANICAL PROPERTIES OF CERAMIC ALLOYS.
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50

SATELLITE ATTITUDE, ATTITUDE CONTROL SYSTEMS
INVESTIGATION OF THE ACQUISITION PROBLEM IN SATELLITE ATTITUDE CONTROL.
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50

SATELLITE TRACKING SYSTEMS, DOPPLER SYSTEMS
RADIO DOPPLER METHOD OF USING SATELLITES FOR GEODESY, NAVIGATION AND GEOPHYSICS WITHIN THE PLANETARY SYSTEM.
PB-169 236 17G U 41 07 HC$ 3.00 MF$ 0.75

SATELLITE TRACKING SYSTEMS, OPTICAL TRACKING
SIMULATIONS OF GEODETIC POSITIONING BY THE METHOD OF CONTINUOUS TRACES.
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50

THE SMITHSONIAN'S SATELLITE-TRACKING PROGRAM: ITS HISTORY AND ORGANIZATION, PART 3.
AD-628 466 17H T 66 07

SATELLITES(ARTIFICIAL), CELESTIAL MECHANICS
EFFECTS OF MICROMETEOROID CRATERING ON THE DIRECTION OF THE AXIS OF MAXIMUM MOMENT OF INERTIA.
AD-628 208 22C T 66 07 HC$ 1.60 MF$ 0.50

SATELLITES(ARTIFICIAL), PHOTOGEOLOGY
PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS.
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50

SATELLITES(ARTIFICIAL), POSITION FINDING
SATELLITE ANGULATERATION.
AD-629 705 8E T 66 08 HC$ 2.00 MF$ 0.50

SATELLITES(ARTIFICIAL), RADIO TRANSMISSION
SATELLITE SCINTILLATIONS OBSERVED DURING THE JULY 1963 SOLAR ECLIPSE.
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

SATELLITE-TO-SATELLITE RADIO PROPAGATION EXPERIMENT.
AD-628 222 20N T 66 07 HC$12.60 MF$ 1.00

SATELLITES(ARTIFICIAL), RADIO WAVES
A STUDY OF SOME PROPERTIES OF DIFFRACTION PATTERNS PRODUCED BY RADIO WAVES FROM ARTIFICIAL SATELLITES.
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50

SATELLITES(ARTIFICIAL), SPACE COMMUNICATION SYSTEMS
COMMUNICATION PROBABILITIES FOR ORDERLYSPACED SATELLITES.
N66-10317 17B U 41 07 HC$ 2.00 MF$ 0.50

SATELLITES(ARTIFICIAL), SPIN STABILIZATION
ON THE INFLUENCE OF THE ELASTICITY OF COMPONENTS IN A SPINNING SATELLITE ON THE STABILITY OF ITS MOTION.
AD-628 247 22B T 66 07 HC$ 3.60 MF$ 0.50

SATELLITES(ARTIFICIAL), TORQUE
AERODYNAMIC TORQUE ON A SPINNING SPHERICAL SATELLITE.
AD-628 111 22C T 66 07 HC$ 1.60 MF$ 0.50

SATELLITES(ARTIFICIAL), TRACKING
CATALOG OF PRECISELY REDUCED OBSERVATIONS, NO. P-14.
N66-10649 3A U 41 08 HC$ 4.00 MF$ 1.00

DETERMINATION OF THE ABSOLUTE SPACE DIRECTIONS BETWEEN BAKER-NUNN CAMERA STATIONS.
N66-10686 28E U 41 08 HC$ 2.00 MF$ 0.50

SCANNING, DISPLAY SYSTEMS
LARGE-ANGLE DEFLECTION TECHNIQUES FOR LASER DISPLAY.
AD-628 046 20E T 66 07 HC$ 2.00 MF$ 0.50

SCHEDULING, MATHEMATICAL MODELS
THE ASSIGNMENT INTERFERENCE MODEL.
AD-628 381 12B T 66 07 HC$ 1.60 MF$ 0.50

SCHEDULING, MATHEMATICAL PROGRAMMING
THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS.
AD-628 220 9B T 66 07 HC$ 7.25 MF$ 2.00

SCHISTOSOMA, INFECTIONS
BASIC BIOLOGY AND TROPISTIC BEHAVIOR OF SCHISTOSOMA MANSONI CERCARIAE RELATING TO CERCARICIDAL AGENTS.
AD-467 125 6C U 41 07 HC$ 1.00 MF$ 0.50

SCHISTOSOMA, TAIWAN
ZOOPHILIC SCHISTOSOMIASIS ON TAIWAN: REESTABLISHMENT OF SCHISTOSOMA JAPONICUM SUBSEQUENT TO DRASTIC ALTERATION OF HABITATS BY FLOOD.
AD-628 177 6F T 66 07

ZOOPHILIC SCHISTOSOMIASIS WITH A REPORT OF A NEW LOCALITY ON TAIWAN.
AD-629 099 6C T 66 08

SCIENTIFIC ORGANIZATIONS, SAFETY
HIGHWAY SAFETY RESEARCH ORGANIZATIONS AND RESOURCES IN THE UNITED STATES.
PB-169 213 13L U 41 08 HC$ 3.00 MF$ 0.75

SCIENTIFIC PERSONNEL, DISTRIBUTION
TRANSFERABILITY OF RESEARCH AND DEVELOPMENT SKILLS IN THE AEROSPACE INDUSTRY.
AD-628 544 5I T 66 07 HC$ 4.00 MF$ 1.00

SCIENTIFIC RESEARCH, AIR FORCE
THE IMPORTANCE OF PROPERLY DESCRIBING THE OBJECTIVES OF THE AFOSR PROGRAM.
AD-628 527 5A T 66 07 HC$ 1.60 MF$ 0.50

THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION.
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

SCIENTIFIC RESEARCH, COSTS
COST-OF-RESEARCH INDEX.
AD-629 700 5A T 66 08 HC$ 1.00 MF$ 0.50

SCIENTIFIC RESEARCH, REPORTS
QUARTERLY PROGRESS REPORT NO. 80, GENERAL PHYSICS, PLASMA DYNAMICS AND COMMUNICATION SCIENCES AND ENGINEERING.
AD-628 926 5A T 66 08 HC$27.10 MF$ 1.50

SCIENTIFIC RESEARCH, REVIEWS
SEMI-ANNUAL RESEARCH SUMMARY (3RD), JULY-DECEMBER 1965.
AD-628 864 5A T 66 07 HC$ 6.00 MF$ 1.25

SCIENTIFIC RESEARCH, USSR
FOREIGN SCIENCE BULLETIN VOL. 2, NO. 2.
AD-628 946 5A T 66 08 HC$ 3.00 MF$ 0.75

BOOK REVIEW: SOVIET RESEARCH AND DEVELOPMENT: ITS ORGANIZATION, PERSONNEL, AND FUNDS.
AD-629 587 5A T 66 08 HC$ 1.10 MF$ 0.50

SCIENTIFIC SATELLITES, GEODESICS
RELIABILITY ASSESSMENT OF THE GEOS A POWER SUPPLY.
N66-12868 22B U 41 08 HC$ 1.00 MF$ 0.50

SCIENTIFIC SATELLITES, PROPULSION
RESEARCH ON SPACECRAFT AND POWERPLANT INTEGRATION PROBLEMS SPACECRAFT ANALYSIS.
N66-10713 22B U 41 08 HC$ 5.00 MF$ 1.25

SCINTILLATION, HELIUM
RECOMBINATION LUMINESCENCE IN THE SCINTILLATION OF NORMAL AND SUPERFLUID LIQUID HELIUM.
AD-628 657 20F T 66 07

SCINTILLATION, RADIO TRANSMISSION
SATELLITE SCINTILLATIONS OBSERVED DURING THE JULY 1963 SOLAR ECLIPSE.
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

SEA BREEZE, RADIOACTIVE FALLOUT
THE INFLUENCE OF LOCAL WINDS ON FALLOUT.
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50

SEA RESCUE EQUIPMENT, BOATS
AN ALL WEATHER RESCUE LAUNCH.
AD-629 167 13J T 66 08 HC$ 1.00 MF$ 0.50

SEA WATER, DESALINATION
ECONOMIC ASPECTS OF NUCLEAR DESALINATION.
ORNL-P-1278 18L U 41 08 HC$ 1.00 MF$ 0.50

ENGINEERING AND ECONOMIC FEASIBILITY STUDY FOR A COMBINATION NUCLEAR POWER-DESALTING PLANT. PHASES I AND II.
TID-22330 18L U 41 08 HC$ 4.00 MF$ 2.25

SEA WATER, GASES
STATISTICAL EVALUATION OF GAS CHROMATOGRAPHY FOR THE DETERMINATION OF DISSOLVED GASES IN SEA WATER.
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50

SEACOAST, OCEAN CURRENTS
A SHALLOW WATER ISOBARIC BUOY.
AD-628 782 14B T 66 07 HC$ 6.60 MF$ 0.75

SEAFOOD, MICROORGANISMS
EFFECT OF IRRADIATION ON THE MICROBIAL FLORA SURVIVING IRRADIATION PASTEURIZATION OF SEAFOODS.
TID-22289 6H U 41 08 HC$ 3.00 MF$ 0.50

SEALS(STOPPERS), AUXILIARY POWER PLANTS
SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME II. MOLECULAR PUMP.
N65-17271 18N U 41 07 HC$ 4.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME III. DYNAMIC SLINGER.
N65-17272 18N U 41 07 HC$ 3.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME IV. INTEGRATED SEAL SIMULATOR.
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50

SEALS, EXPERIMENTAL DATA
EXPERIMENTAL STUDY OF END EFFECT AND PRESSURE PATTERNS IN HELICAL GROOVE FLUID FILM SEAL (VISCOSEAL).
N66-10333 11A U 41 07 HC$ 1.00 MF$ 0.50

SEARCH RADAR, PORTABLE

MILLIMETER WAVE STUDIES.
AD-466 779 17I U 41 07 HC$ 2.00 MF$ 0.50

SEARCH THEORY, ALGORITHMS
SOME CONSIDERATIONS ON EVOLUTIONARY ALGORITHMS.
AD-629 107 12A T 66 08 HC$ 1.60 MF$ 0.50

SEARCH THEORY, INFORMATION RETRIEVAL
SOME THEORETICAL ASPECTS OF THE IMPROVEMENT OF DOCUMENT SCREENING BY ASSOCIATIVE TRANSFORMATIONS.
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50

SEARCH THEORY, READING
REDIRECTING THE SEARCH PROCESS,
AD-628 561 5J T 66 07

SEARCHING THROUGH WORD LISTS,
AD-628 562 5J T 66 07

SECONDARY FLOW, CONVECTION(HEAT TRANSFER)
CONVECTIVE INSTABILITIES IN FULLY DEVELOPED FLOWS,
AD-628 098 20D T 66 07 HC$ 1.60 MF$ 0.50

SEISMIC WAVES, MAGNETIC RECORDING SYSTEMS
THE RESPONSE OF MAGNETIC INSTRUMENTS TO EARTHQUAKE WAVES,
N66-11207 8K U 41 08 HC$ 3.00 MF$ 0.75

SEISMIC WAVES, PROPAGATION
STEP LOAD MOVING WITH SUPERSEISMIC VELOCITY ON THE SURFACE OF AN ELASTIC-PLASTIC HALF-SPACE.
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75

PARTIAL DERIVATIVES OF SURFACE WAVE PHASE VELOCITY WITH RESPECT TO PHYSICAL PARAMETER CHANGES WITHIN THE EARTH.
AD-629 532 8K T 66 08

SEISMOLOGICAL STATIONS, MONTANA
LARGE APERTURE SEISMIC ARRAY. LASA SYSTEMS EVALUATION CONFERENCE (1ST) SEPTEMBER 11-13, 1965.
AD-628 901 8K T 66 08 HC$ 6.00 MF$ 1.50

SEISMOLOGICAL STATIONS, NEW HAMPSHIRE
CHARACTERISTICS AND PROPERTIES OF EXTREME SEISMIC EVENTS.
AD-629 088 8K T 66 08 HC$ 4.00 MF$ 1.00

SEISMOLOGY, ALASKA
SEISMIC STUDIES ON THE ALASKAN COASTAL PLAIN.
AD-628 490 8K T 66 07 HC$10.60 MF$ 0.75

SEISMOLOGY, BIBLIOGRAPHIES
VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS.
AD-629 264 8K T 66 08 HC$ 1.60 MF$ 0.50

SEISMOLOGY, COLORADO
SEISMIC STUDY OF CRUSTAL STRUCTURE IN THE SOUTHERN ROCKY MOUNTAINS.
AD-628 163 8G T 66 07 HC$ 1.00 MF$ 0.50

SEISMOLOGY, DATA PROCESSING SYSTEMS
AN EXAMPLE OF MAXIMUM-LIKELIHOOD FILTERING OF LASA SEISMOGRAMS.
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50

SEISMOLOGY, EARTH MODELS
BASIC RESEARCH IN CRUSTAL STUDIES.
AD-628 385 8K T 66 07 HC$39.20 MF$ 1.75

SEISMOLOGY, EARTHQUAKES
THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963.
AD-472 354 8K U 41 07 HC$ 3.00 MF$ 0.75

SEISMOLOGY, FOURIER ANALYSIS
REVISION OF FOURIER ANALYSIS AND SYNTHESIS PROGRAMS,
PB-169 335 8K U 41 08 HC$ 1.60 MF$ 0.50

SEISMOLOGY, INDEXES
VESIAC SEMIANNUAL INDEX OF BULLETIN CONTENTS.
AD-629 263 8K T 66 08 HC$ 1.10 MF$ 0.50

SEISMOLOGY, INSTRUMENTATION
GEOMETRY AND PATTERNS OF LARGE APERTURE SEISMIC ARRAYS.
AD-628 148 8K T 66 07 HC$ 8.60 MF$ 0.75

LARGE APERTURE SEISMIC ARRAY. LASA SYSTEMS EVALUATION CONFERENCE (1ST) SEPTEMBER 11-13, 1965.
AD-628 901 8K T 66 08 HC$ 6.00 MF$ 1.50

CHARACTERISTICS AND PROPERTIES OF EXTREME SEISMIC EVENTS.
AD-629 088 8K T 66 08 HC$ 4.00 MF$ 1.00

SEISMOLOGY, MAINE GULF
ATTENUATION OF PN FROM OFFSHORE MAINE EXPLOSIONS,
AD-628 275 8K T 66 07

SEISMOLOGY, NUCLEAR EXPLOSIONS
LONG RANGE SEISMIC MEASUREMENTS. CUP.
AD-629 431 8K T 66 08 HC$ 3.60 MF$ 0.50

SEISMOLOGY, OHIO
EARTHQUAKE HISTORY OF OHIO,
AD-629 073 8K T 66 08

SEISMOLOGY, STRUCTURAL GEOLOGY
THE USE OF LEAKING MODES IN SEISMOGRAM INTERPRETATION AND IN STUDIES OF CRUSTMANTLE STRUCTURE,
AD-628 458 8K T 66 07

SEISMOLOGY, UNDERGROUND EXPLOSIONS
DETECTION OF DISTANT EXPLOSIONS BY SEISMIC MEASUREMENTS IN DEEP BOREHOLES.
AD-287 161 8K U 41 07 HC$ 3.00

IDENTIFICATION OF SEISMIC PHASES SALMON EVENT,
PB-169 334 8K U 41 08 HC$ 1.10 MF$ 0.50

SEISMOLOGY, VIBRATORS(MECHANICAL)
STUDY OF GROUND MOTIONS FOR SIMULATION BY SHOCK TESTING MACHINE.
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00

SEISMOLOGY, WEST GERMANY
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE.
AD-628 068 8K T 66 07 HC$ 1.00 MF$ 0.50

SEISMOMETERS, EXPERIMENTAL DESIGN
QUARTERLY STATUS REPORT NO. 3 ON CONTRACT C6S-1198, 1 MAY THROUGH 31 JULY 1964.
PB-169 199 8K U 41 07 HC$ 1.00 MF$ 0.50

SEISMOMETERS, OCEAN BOTTOM
COHERENCE MEASUREMENTS WITH TIME SAMPLING OCEAN-BOTTOM SEISMOMETERS,
AD-629 466 8K T 66 08

SEISMOMETERS, SIGNAL-TO-NOISE RATIO
AN ANALYSIS OF FACTORS LIMITING SEISMIC DETECTOR SENSITIVITY.
AD-628 933 8K T 66 08 HC$ 4.00 MF$ 0.75

SEISMOMETERS, SITE SELECTION
GEOMETRY AND PATTERNS OF LARGE APERTURE SEISMIC ARRAYS.
AD-628 148 8K T 66 07 HC$ 8.60 MF$ 0.75

CHARACTERISTICS AND PROPERTIES OF EXTREME SEISMIC EVENTS.
AD-629 088 8K T 66 08 HC$ 4.00 MF$ 1.00

SEISMOMETERS, UNDERGROUND STRUCTURES
LARGE APERTURE SEISMIC ARRAY. LASA SYSTEMS EVALUATION CONFERENCE (1ST) SEPTEMBER 11-13, 1965.
AD-628 901 8K T 66 08 HC$ 6.00 MF$ 1.50

SELECTION RULES, ZINC COMPOUNDS
REGLES DE SELECTION POUR LA DIFFUSION RAMAN ET L'ABSORPTION INFRAROUGE DANS LA WURTZITE,
AD-629 702 20L T 66 08

SELENIUM ALLOYS, THERMOELECTRICITY
THERMOELECTRIC AND ELECTRICAL MEASURE- MENTS IN THE ER-SE SYSTEM.
AD-629 173 20L T 66 08

SEMANTICS, INFORMATION RETRIEVAL
ON THE THEORETICAL BASIS OF INFORMATION RETRIEVAL SYSTEMS.
AD-628 183 5B T 66 07 HC$ 6.00 MF$ 1.25

SEMANTICS, WORD ASSOCIATION
CONTEXTUAL CORRELATES OF SYNONYMY,
AD-628 108 5G T 66 07

SEMI CONDUCTORS, LASERS
OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM POWER OUTPUT.
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50

SEMICIRCULAR CANALS, STIMULATION
THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS,
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

SEMICONDUCTING FILMS, ENERGY CONVERSION
STUDY OF THIN FILM LARGE AREA PHOTOVOLTAIC SOLAR ENERGY CONVERTER.
N66-10926 10A U 41 08 HC$ 2.00 MF$ 0.50

SEMICONDUCTING FILMS, INTEGRATED CIRCUITS
PLANAR INTEGRATION OF THIN FILM UNITS.
AD-455 010 9A U 41 08 HC$ 3.60

SEMICONDUCTING FILMS, PREPARATION
THE PREPARATION AND STRUCTURE OF THIN FILMS OF BORON ON SILICON.
AD-628 632 20L T 66 07

SEMICONDUCTING FILMS, SULFIDES
NEWS OF INSTITUTIONS OF HIGHER LEARNING. PHYSICS. (SELECTED ARTICLES).
AD-629 423 20L T 66 08 HC$ 2.60 MF$ 0.50

SEMICONDUCTOR DEVICES, DETECTORS
DESIGN CRITERIA FOR WIDE RANGE GAMMA RADIACS USING SEMICONDUCTOR DIODE DETECTORS,
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50

SEMICONDUCTOR DEVICES, FAILURE (MECHANICS)
SECONDARY BREAKDOWN THERMAL CHARACTERIZATION AND IMPROVEMENT OF SEMICONDUCTOR DEVICES.
AD-629 386 9A T 66 08 HC$ 1.00 MF$ 0.50

SEMICONDUCTOR DEVICES, MATERIALS
NEW SOLID-STATE DEVICE CONCEPTS.
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50

SEMICONDUCTOR DEVICES, RADIATION DAMAGE
A SYSTEM FOR AUTOMATIC ACCUMULATION OF RADIATION DATA,
N66-11223 14C U 41 08 HC$ 1.00 MF$ 0.50

SEMICONDUCTOR DEVICES, RADIATION DAMAGE

A SUMMARY OF SURFACE EFFECTS OF RADIATION ON SEMICONDUCTOR DEVICES,
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75

SEMICONDUCTOR DEVICES, SCIENTIFIC RESEARCH
SOLID STATE RESEARCH 1965-3.
AD-629 048 20L T 66 08 HC$ 3.00 MF$ 0.75

SEMICONDUCTOR DEVICES, TRANSDUCERS
ACTIVE ACOUSTIC DEVICES.
AD-628 450 9A T 66 07 HC$ 3.00 MF$ 0.75

SEMICONDUCTORS, DETECTORS
DETECTOR INVESTIGATION FOR 8-15 AND 100-4000 MICRON REGIONS.
AD-628 870 20L T 66 07 HC$ 3.60 MF$ 0.50

SEMICONDUCTORS, ELECTRIC CURRENTS
HIGH AMPLITUDE CURRENT AND OPTICAL TRANSMISSION OSCILLATIONS IN CDS SINGLE CRYSTALS.
AD-628 453 20L T 66 07 HC$ 1.10 MF$ 0.50

SEMICONDUCTORS, ELECTRICAL PROPERTIES
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS,
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50

SEMICONDUCTORS, ELECTROLUMINESCENCE
ALLOY JUNCTION FORMATION TEMPERATURE AND ELECTRO-LUMINESCENCE IN 4TH SILICON CARBIDE,
AD-628 605 20L T 66 07

SEMICONDUCTORS, ELECTRON DIFFRACTION ANALYSIS
OBSERVATIONS OF 'CLEAN' SURFACES OF SI, GE, AND GAAS BY LOW-ENERGY ELECTRON DIFFRACTION,
AD-629 298 20L T 66 08

SEMICONDUCTORS, FERROMAGNETIC MATERIALS
DOUBLE EXCHANGE FOR POLARONS,
AD-629 062 20C T 66 08

SEMICONDUCTORS, IMPURITIES
PHONON BROADENING OF IMPURITY SPECTRAL LINES. III. DIAGRAM TECHNIQUE,
AD-628 519 20L T 66 07

SEMICONDUCTORS, INFRARED PHENOMENA
FAR-INFRARED ABSORPTION IN N-TYPE SILICON DUE TO PHOTON-INDUCED HOPPING,
AD-629 187 20L T 66 08

SEMICONDUCTORS, LASERS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS,
AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

SEMICONDUCTORS, MAGNETIC PROPERTIES
COMMENTS ON 'NERNST EFFECT IN INDIUM ANTIMONIDE',
AD-628 608 20L T 66 07

SEMICONDUCTORS, MEASUREMENT
CORBINO-PME EFFECT AS A POSSIBLE TOOL FOR MICROELECTRONIC MATERIALS EVALUATION: THEORY.
AD-629 608 20L T 66 08 HC$ 1.00 MF$ 0.50

SEMICONDUCTORS, NUCLEAR RADIATION SPECTROMETERS
DEVELOPMENT OF DATA UNFOLDING TECHNIQUES FOR CONTOURED SEMICONDUCTOR NEUTRON SPECTROMETER.
N66-10648 18N U 41 08 HC$ 3.00 MF$ 0.75

SEMICONDUCTORS, OPTICAL PROPERTIES
OPTICAL ABSORPTION IN AN ELECTRIC FIELD IN SEMI-INSULATING GALLIUM ARSENIDE,
AD-629 150 20L T 66 08

SEMICONDUCTORS, PHENANTHRENES
AN ANOMALY IN THE RESISTIVITY-TEMPERATURE PROFILE OF ULTRAPURE PHENANTHRENE.
AD-628 634 20L T 66 07

SEMICONDUCTORS, PHYSICAL PROPERTIES
HIGH AMPLITUDE CURRENT AND OPTICAL TRANSMISSION OSCILLATIONS IN CDS SINGLE CRYSTALS.
AD-628 122 20L T 66 07 HC$ 1.10 MF$ 0.50

NEWS OF INSTITUTIONS OF HIGHER LEARNING. PHYSICS. (SELECTED ARTICLES).
AD-629 423 20L T 66 08 HC$ 2.60 MF$ 0.50

SEMICONDUCTORS, RADIATION MEASUREMENT SYSTEMS
USE OF MOS TRANSISTORS IN SOLID-STATE RADIATION SURVEY METERS.
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50

SEMICONDUCTORS, SCIENTIFIC RESEARCH
EXPERIMENTAL INVESTIGATION OF THE ELECTRONIC PROPERTIES OF SOLIDS.
AD-629 495 20L T 66 08 HC$ 1.00 MF$ 0.50

SEMICONDUCTORS, SOLID SOLUTIONS
A STUDY OF HOMOGENEITY OF SOLID SOLUTIONS OF CADMIUM SULFIDE AND CADMIUM SELENIDE BY X-RAY FLUORESCENCE,
AD-629 493 20L T 66 08

SEMICONDUCTORS, SURFACE PROPERTIES
FIELD EFFECT MEASUREMENTS ON THE A AND B (111) SURFACES OF INDIUM ANTIMONIDE.
AD-629 200 20L T 66 08 HC$ 1.60 MF$ 0.50

SENSORY DEPRIVATION, NUCLEIC ACIDS
NUCLEIC ACID AND PROTEIN CHANGES DURING DEVELOPMENT IN NORMAL AND VISUALLY DEPRIVED RATS.
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50

SENSORY DEPRIVATION, REVIEWS
EXPERIMENTAL DEAFFERENTATION IN MAN,
AD-628 717 5J T 66 07

SENSORY DEPRIVATION, VISION
REPORTED VISUAL SENSATION DURING BRIEF EXPOSURE TO REDUCED SENSORY INPUT.
AD-628 959 6S T 66 08 HC$ 1.60 MF$ 0.50

SENSORY PERCEPTION, AMPHIBIANS
APPLICABILITY OF OLFACTORY TRANSDUCERS TO THE DETECTION OF HUMAN BEINGS.
AD-628 245 6C T 66 07 HC$ 1.00 MF$ 0.50

SENSORY PERCEPTION, CEPHALOPODA
THE CENTRES FOR TOUCH DISCRIMINATION IN OCTOPUS,
AD-629 296 6C T 66 08

SENSORY PERCEPTION, MOTOR REACTIONS
REMARKS ON THE RELATION BETWEEN PERCEPTION AND MOTION,
AD-629 300 5J T 66 08

SEQUENCES, MAPPING(TRANSFORMATIONS)
INVERSE LIMIT SEQUENCES WITH COVERING MAPS,
AD-629 143 12A T 66 08

SEQUENTIAL ANALYSIS, STATISTICAL TESTS
ON THE SAMPLE SIZE AND SIMPLIFICATION OF A CLASS OF SPRT'S.
AD-628 364 12A T 66 07 HC$ 1.60 MF$ 0.50

SERIES, STATISTICAL FUNCTIONS
CONNECTED-DIAGRAM EXPANSION OF TRANSPORT COEFFICIENTS, II. QUANTUM GAS OBEYING CLASSICAL STATISTICS.
AD-628 248 S20J,T 66 07 HC$ 2.00 MF$ 0.50

SEROTONIN, BIOSYNTHESIS
THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND,
AD-629 053 6Q T 66 08

SEROTONIN, SLEEP
EFFETS DE RESERPINE, DOPA ET 5 HTP SUR LES DEUX ETATS DE SOMMEIL (EFFECTS OF RESERPINE, DOPA AND 5 HTP ON THE TWO STATES OF SLEEP),
AD-629 216 6O T 66 08

SERRATIA MARCESCENS, TOXINS + ANTITOXINS
THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON LETHALITY OF ENDOTOXIN AND ITS EFFECT ON BODY TEMPERATURE IN MICE.
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50

SERVOMECHANISMS, DIRECT CURRENT
DESIGN AND MANUFACTURE OF DIRECT CURRENT TORQUER AMPLIFIERS.
N66-10625 9C U 41 08 HC$ 2.00 MF$ 0.50

SERVOMECHANISMS, TESTS
STIGMATIC SPECTROGRAPH STUDY.
N66-11670 14B U 41 08 HC$ 1.00 MF$ 0.50

SET THEORY, ANALYSIS
NOTES ON SYSTEM THEORY. VOLUME VII.
N66-11401 9C U 41 08 HC$ 5.00 MF$ 1.25

SET THEORY, FUNCTIONS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

SEX, NEUROSES
THE NEUROTIC COMPONENT OF NARCOLEPSY,
AD-628 595 6E T 66 07

SHALE, HYDROCARBONS
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT,
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

SHEAR STRESSES, LIQUIDS
SHEAR WAVE PROPAGATION IN BIREFRINGENT VISCOELASTIC LIQUIDS OF LOW RIGIDITY AND LOW VISCOSITY.
AD-629 179 20K T 66 08 HC$ 2.00 MF$ 0.50

SHEAR STRESSES, PANELS(STRUCTURAL)
COMPARISON OF SEVERAL ANALYTICAL SOLUTIONS TO THE SHEAR LAG PROBLEM WITH EXPERIMENTAL DATA.
N66-12976 20K U 41 08 HC$ 3.00 MF$ 0.75

SHIELDING, STRUCTURES
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

AD-629 217 18F T 66 08 HC$ 1.60 MF$ 0.50

SHIELDING, THEORY
NEUTRON PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING AUGUST 1, 1965.
ORNL-3858, VOL. 1 20H U 41 07 HC$ 2.00 MF$ 0.50

SHIP HULLS, CATHODIC PROTECTION
MODEL TESTS OF ELECTROCHEMICAL PROTECTION AGAINST CORROSION OF SHIPS' HULLS AND DETERMINATION OF EFFECT OF PROPELLERS ON THE CONDITIONS OF FUNCTIONING OF THIS PROTECTION,
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50

SHIP HULLS, CORROSION INHIBITION
PLASTICS-BASED ANTICORROSIVE COATINGS NO. 28. SYNTHETIC COATINGS FOR SHIPS' HULLS.
AD-629 731 11C T 66 08 HC$ 1.10 MF$ 0.50

SHIP HULLS, LANDING CRAFT
CALM-WATER RESISTANCE CHARACTERISTICS OF A 25-PERCENT-SCALE

MODEL OF A HYPOTHETICAL CAPTURED AIR BUBBLE (CAB) LANDING VEHICLE.
AD-628 831 13J T 66 07 HC$ 1.60 MF$ 0.50

SHIP HULLS, POLYESTER PLASTICS
POLYESTER GLASS PLASTICS FOR SHIPBUILDING.
AD-628 097 13J T 66 07 HC$ 6.00 MF$ 1.25

SHIP HULLS, VIBRATION
CALCULATED NATURAL FREQUENCIES AND NORMAL MODES OF THE GUIDED MISSILE CRUISER USS LONG BEACH (CG(N)-9).
AD-628 441 13J T 66 07 HC$ 5.60 MF$ 0.50

SHIP STRUCTURAL COMPONENTS, JOINING
JOINTS USED IN PLASTIC AND COMPOSITE SHIP- BOARD SUPERSTRUCTURES, DECKHOUSES, LIGHT BULKHEADS, AND ENCLOSURES.
AD-629 509 13E T 66 08 HC$ 1.00 MF$ 0.50

SHIPPING(MARINE), HANDLING
THE DOCKERS OF ARKHANGELSK.
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50

SHIPS, MODEL TESTS
TESTING SHIP MODELS IN TRANSIENT WAVES.
AD-628 440 13J T 66 07 HC$ 4.60 MF$ 0.50

SHIPS, REINFORCED CONCRETE
THE PROSPECTS FOR USING SAND CONCRETES FOR BUILDING REINFORCED CONCRETE SHIPS, ARMORED CEMENT SHIPS, AND ONE-PIECE INTERSECTIONAL JOINTS.
AD-629 510 13J T 66 08 HC$ 1.00 MF$ 0.50

SHOCK THERAPY, BEHAVIOR
CHRONIC ELECTROSHOCK: EFFECTS ON BRAIN WEIGHT, BRAIN CHEMISTRY, AND BEHAVIOR.
AD-628 243 5J T 66 07

SHOCK THERAPY, BLOOD PLASMA
TO STUDY THERAPEUTIC PROPERTIES OF BLOOD PLASMA IN THE THERAPY OF TOURNIQUET SHOCK.
AD-466 292 6E U 41 07 HC$ 1.00 MF$ 0.50

SHOCK TUBES, HYPERSONIC FLOW
RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

SHOCK TUBES, THEORY
RESUME OF THE THEORY OF PLANE SHOCK AND ADIABATIC WAVES WITH APPLICATIONS TO THE THEORY OF THE SHOCK TUBE.
AD-629 328 19D T 66 08 HC$ 6.60 MF$ 0.75

SHOCK WAVES, ACRYLIC RESINS
SHOCK WAVE COMPRESSION OF 'PLEXIGLAS' IN THE 2.5 TO 20 KILOBAR REGION.
AD-628 715 20K T 66 07

SHOCK WAVES, ATTENUATION
SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

SHOCK WAVES, DETONATIONS
CONTRIBUTION TO THE STUDY OF THE INITIATION OF DETONATION PRODUCED BY IMPACT ON AN EXPLOSIVE.
AD-628 984 19D T 66 08 HC$ 4.00 MF$ 1.00

SHOCK WAVES, DISSOCIATION
CARBON DIOXIDE DISSOCIATION RATES BEHIND SHOCK WAVES.
N66-12872 7D U 41 08 HC$ 2.00 MF$ 0.50

SHOCK WAVES, ELECTROMAGNETIC FIELDS
MAGNETIC FIELD DIFFUSION ASSOCIATED WITH AN IONIZING SHOCK WAVE INTERACTING WITH AN ELECTROMAGNETIC FIELD.
AD-629 260 20I T 66 08

SHOCK WAVES, HYPERSONIC FLOW
VISCOUS HYPERSONIC FLOW WITH PARABOLIC AXIALLY SYMMETRIC SHOCK.
AD-629 044 20D T 66 08 HC$ 1.00 MF$ 0.50

SHOCK WAVES, MEASUREMENT
THE EFFECTS UPON SHOCK MEASUREMENTS OF LIMITED FREQUENCY RESPONSE INSTRUMENTATION.
N66-12191 14B U 41 08 HC$ 2.00 MF$ 0.50

SHOCK WAVES, METALS
THE EXISTENCE AND IMPLICATIONS OF CURVATURE IN THE RELATION BETWEEN SHOCK AND PARTICLE VELOCITIES FOR METALS.
AD-629 428 20K T 66 08 HC$ 2.60 MF$ 0.50

SHOCK WAVES, PLASMA MEDIUM
ELECTRON AND ION DENSITY AHEAD OF AIR SHOCK WAVES.
AD-628 143 20I T 66 07 HC$ 1.10 MF$ 0.50

SHOCK WAVES, PLASMA PHYSICS
EXPERIMENTAL STUDY OF SHOCK WAVE FORMATION IN AN ALMOST COLLISIONFREE PLASMA.
AD-629 358 20I T 66 08

SHOCK WAVES, PROPAGATION
INVESTIGATION OF CHARACTERISTICS OF PRESSURE WAVES GENERATED IN WATER FILLED TANKS IMPACTED BY HIGH-VELOCITY PROJECTILES.
N66-13291 20K U 41 07 HC$ 1.00 MF$ 0.50

SHOCK WAVES, SONIC BOOM
BEHAVIOR OF THE SONIC BOOM SHOCK WAVE NEAR THE SONIC CUTOFF ALTITUDE.
N66-13241 20A U 41 07 HC$ 3.00 MF$ 0.50

SHOCK WAVES, SPARK SHADOWGRAPH PHOTOGRAPHY
DETERMINING THE DENSITY OF A GAS BEHIND A SHOCK WAVE FROM SHADOW PHOTOGRAPHY.
AD-629 471 20D T 66 08 HC$ 2.60 MF$ 0.50

SHOCK WAVES, UNDERWATER EXPLOSIONS
UNDERWATER SHOCK WAVE FREQUENCY SPECTRUM ANALYSIS. IV. FORTRAN IV PROGRAMS FOR THE IBM-7090 COMPUTER.
AD-628 936 20A T 66 08 HC$ 3.60 MF$ 0.50

NONLINEAR INTERACTION BETWEEN A SPHERICAL SHOCK WAVE AND FREE SURFACE WATER CAUSED BY THE EXPLOSION OF A DEEP CHARGE.
AD-629 670 19D T 66 08 HC$ 1.00 MF$ 0.50

SHOCK(MECHANICS), COPPER
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

SHOCK(MECHANICS), SEISMOLOGY
STUDY OF GROUND MOTIONS FOR SIMULATION BY SHOCK TESTING MACHINE.
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00

SHOCK(MECHANICS), SYMPOSIA
THE SHOCK AND VIBRATION BULLETIN.
AD-628 599 20K T 66 07 HC$ 6.00 MF$ 1.50

AD-628 600 20K T 66 07 HC$ 6.00 MF$ 1.50

SHORT TAKE-OFF PLANES, FLIGHT
OV-1A MOHAWK FLIGHT LOADS INVESTIGATION PROGRAM.
AD-629 632 1A T 66 08 HC$ 8.60 MF$ 0.75

SHORT TAKE-OFF PLANES, PERFORMANCE (ENGINEERING)
AN INVESTIGATION OF PROPELLER SLIPSTREAM EFFECTS ON V/STOL AIRCRAFT PERFORMANCE AND STABILITY.
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00

SHORT TAKE-OFF PLANES, TESTS
INVESTIGATION OF AN ISOLATED MONOCYCLIC V/STOL PROPELLER PERFORMANCE AND OSCILLATORY STRESS.
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75

SIGNAL GENERATORS, ADAPTIVE SYSTEMS
ADAPTIVE SIGNAL RECONSTRUCTION.
AD-629 409 9D T 66 08

SIGNALS, PROCESSING
USER GUIDE FOR HRIR MODIFICATIONS TO THE APTS GROUND STATIONS.
N66-11671 22D U 41 08 HC$ 3.00 MF$ 0.75

SIGNAL-TO-NOISE RATIO, DIVERSITY RECEPTION
MAXIMAL-RATIO DIVERSITY COMBINERS.
AD-628 993 17B T 66 08 HC$ 3.00 MF$ 0.50

SILANES, CHEMICAL ANALYSIS
A STUDY OF SILICON DETERMINATION IN ORGANOSILICON COMPOUNDS BY X-RAY FLUORESCENCE WITH VACUUM SPECTROGRAPH.
AD-629 488 7C T 66 08

SILANES, DECOMPOSITION
OZONE: A NEW CLEAVAGE REAGENT FOR ORGANOSILANES.
AD-629 485 7C T 66 08

SILANES, FLUORIDES
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE.
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

SILANES, POLYMERIZATION
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

SILICATES, X RAY SPECTROSCOPY
OXYGEN DETERMINATIONS IN SILICATES AND TOTAL MAJOR ELEMENTAL ANALYSIS OF ROCKS BY SOFT X-RAY SPECTROMETRY.
AD-629 074 8G T 66 08

SILICON ALLOYS, CARBON ALLOYS
ALLOY JUNCTION FORMATION TEMPERATURE AND ELECTRO-LUMINESCENCE IN 4TH SILICON CARBIDE.
AD-628 605 20L T 66 07

SILICON ALLOYS, PHASE STUDIES
ELECTRON PHASES IN CERTAIN TERNARY ALLOYS OF TRANSITION METALS WITH SILICON.
AD-628 649 11F T 66 07

SILICON COMPOUNDS, EVAPORATION
THE PERFORMANCE OF SIO SOURCE (NAFI IF-1008) IN SINGLE-CHAMBER VACUUM SYSTEMS.
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50

SILICON COMPOUNDS, ORGANIC COMPOUNDS
A STUDY OF SILICON DETERMINATION IN ORGANOSILICON COMPOUNDS BY X-RAY FLUORESCENCE WITH VACUUM SPECTROGRAPH.
AD-629 488 7C T 66 08

SILICON COMPOUNDS, THERMAL PROPERTIES
THERMAL PROPERTIES OF SILICA AT LOW TEMPERATURES.
AD-628 424 20L T 66 07

SILICON CONTROLLED RECTIFIERS, HIGH FREQUENCY
RESEARCH AND DEVELOPMENT OF SILICON CON- TROLLED RECTIFIERS FOR HIGH FREQUENCY AMPLIFIER APPLICATIONS.
AD-628 214 9A T 66 07 HC$ 2.60 MF$ 0.50

SILICONE PLASTICS, SPACECRAFT
POLYMERS FOR SPACECRAFT HARDWARE. MATERIALS SPECIFICATIONS AND ENGINEERING INFORMATION.

N66-10629 11J U 41 08 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF SPECIFICATIONS FOR POLYMERIC MATERIALS.
N66-10630 11J U 41 08 HC$ 1.00 MF$ 0.50

SILICON, CHEMICAL ANALYSIS
A STUDY OF SILICON DETERMINATION IN ORGANOSILICON COMPOUNDS BY X-RAY FLUORESCENCE WITH VACUUM SPECTROGRAPH.
AD-629 488 7C T 66 08

SILICON, NUCLEAR ENERGY LEVELS
LIFETIME OF THE 6.880-MEV LEVEL OF SI28.
AD-628 879 20H T 66 07

SILICON, RADIATION DAMAGE
CARRIER LIFETIME MEASUREMENTS AND RECOMBINATION CHARACTERISTICS IN SILICON AND STUDIES PHENOMENA ASSOCIATED WITH RADIATION INDUCED DEFECT LEVELS.
N66-10647 20L U 41 08 HC$ 1.00 MF$ 0.50

SILICON, STARS
STUDIES OF THE PECULIAR A STARS. II. THE SILICON-ABUNDANCE ANOMALY.
AD-629 036 3H T 66 08

SILICON, THERMAL EXPANSION
THERMAL EXPANSION OF GERMANIUM AND SILICON AT LOW TEMPERATURES.
AD-628 423 20M T 66 07

SILICON, TRANSISTORS
PRODUCTION ENGINEERING MEASURE FOR SILICON OVERLAY TRANSISTORS.
AD-628 230 9A T 66 07 HC$ 2.00 MF$ 0.50

SILVER COMPOUNDS, CHLORIDES
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CRYSTALS.
AD-629 058 20L T 66 08

A MAGNETIC RESONANCE STUDY OF IRON IN SILVER CHLORIDE.
C00-1198-228 20C U 41 07 HC$ 3.00 MF$ 0.75

SILVER COMPOUNDS, NITRATES
ESR OF X-IRRADIATED SILVER NITRATE.
AD-629 663 7D T 66 08

SILVER ELECTROCHEMISTRY
CONTACT POTENTIAL DIFFERENCE BETWEEN SILVER NITRATE AND SILVER.
AD-629 075 7D T 66 08

SIMULATORS, NUCLEAR EXPLOSIONS
SIMULATION DEVICES FOR USE IN STUDIES OF PROTECTIVE CONSTRUCTION.
AD-629 607 18F T 66 08 HC$ 6.00 MF$ 1.25

SIMULATORS, VISION
DESIGN STUDY FOR VISUAL CUE SIMULATOR.
N65-24042 14B U 41 07 HC$ 1.00 MF$ 0.50

SINGLE CRYSTALS, ALUMINUM COMPOUNDS
RESEARCH ON LOW FREQUENCY MEASUREMENTS.
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50

SINGLE CRYSTALS, COPPER
THE RECOVERY OF THE ULTRASONIC ATTENUATION IN COPPER SINGLE CRYSTALS FOLLOWING SMALL PLASTIC DEFORMATION.
AD-628 939 20B T 66 08 HC$ 1.25 MF$ 0.50

SINGLE CRYSTALS, CRYSTAL LATTICE DEFECTS
A TEST OF VISCOUS DISLOCATION DAMPING THEORY.
AD-629 557 20R T 66 08 HC$ 2.60 MF$ 0.50

SINGLE CRYSTALS, GROWTH
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS.
N66-11767 7H U 41 08 HC$ 1.00 MF$ 0.50

SINGLE CRYSTALS, OPTICAL PROPERTIES
HIGH AMPLITUDE CURRENT AND OPTICAL TRANSMISSION OSCILLATIONS IN CdS SINGLE CRYSTALS.
AD-628 453 20L T 66 07 HC$ 1.10 MF$ 0.50

SINGLE CRYSTALS, SEMICONDUCTORS
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS.
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50

SINGLE CRYSTALS, ZIRCONIUM ALLOYS
THERMAL EXPANSION AND PREFERRED ORIENTATION IN ZIRCALOY.
WAPD-TM-472 11F U 41 08 HC$ 2.00 MF$ 0.50

SINGLE SIDEBAND COMMUNICATION SYSTEMS, TRANSISTOR AMPLIFIERS
DEVELOPMENT OF A 50-WATT, 80-MC LINEAR AMPLIFIER TRANSISTOR.
AD-629 246 9A T 66 08 HC$ 4.00 MF$ 0.75

SKIN FRICTION, LAMINAR BOUNDARY LAYER
AN APPROXIMATE ANALYTICAL DERIVATION OF SKIN FRICTION AND HEAT TRANSFER IN LAMINAR BINARY BOUNDARY LAYER FLOW.
AD-629 499 20D T 66 08

SKIN FRICTION, REYNOLDS NUMBER
DRAG CHARACTERISTICS OF A SERIES OF LOW-DRAG BODIES OF REVOLUTION AT MACH NUMBERS FROM 0.6 TO 4.0.
N66-13236 20D U 41 07 HC$ 2.00 MF$ 0.50

SKIN, MUCOPOLYSACCHARIDES
CUTANEOUS FOCAL MUCINOSIS.
AD-629 340 6E T 66 08

SKIN, SENSITIVITY
SYMPOSIUM ON CUTANEOUS SENSITIVITY, 11-13 FEBRUARY 1960.
PB-169 173 5J U 41 07 HC$ 5.00 MF$ 1.00

SKY BRIGHTNESS, ATMOSPHERIC TEMPERATURE
NIGHTGLOW 5577 A (OI) LIKE KINETIC TEMPERATURES.
AD-628 799 4A T 66 07

SLEEP, BLOOD PRESSURE
CAROTID SINUS AND AORTIC REFLEXES IN THE REGULATION OF CIRCULATION DURING SLEEP.
AD-628 340 6P T 66 07

SLEEP, CATS
ETUDE STATISTIQUE DU CYCLE VEILLE-SOMMEILS CHEZ LE CHAT (STATISTICAL STUDY OF THE SLEEP-WALKING CYCLE IN THE CAT).
AD-629 203 6P T 66 08

SLEEP, ELECTROENCEPHALOGRAPHY
SLEEP PATTERNS IN YOUNG ADULTS: AN EEG STUDY.
AD-628 254 6E T 66 07

THE EFFECTS OF STAGE FOUR SLEEP DEPRIVATION.
AD-629 171 6P T 66 08

AN ELECTROENCEPHALOGRAPHIC STUDY OF THE EFFECTS OF MEPROBAMATE ON HUMAN SLEEP.
AD-629 563 6O T 66 08

SLEEP, NERVOUS SYSTEM
VISCERAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION.
AD-628 298 6P T 66 07 HC$ 1.60 MF$ 0.50

SLEEP, PHYSIOLOGY
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP.
AD-628 246 6P T 66 07 HC$ 1.60 MF$ 0.50

OCULAR PHENOMENA DURING SYNCHRONIZED AND DESYNCHRONIZED SLEEP (LES PHENOMENES OCULAIRES AU COURS DU SOMMEIL SYNCHRONISE ET DESYNCHRONISE).
AD-628 379 6P T 66 07

PARADOXICAL SLEEP-A STUDY OF ITS NATURE AND MECHANISMS.
AD-629 202 6P T 66 08

ETUDE DE LA MOTRICITE OCULAIRE AU COURS DE LA PHASE PARADOXALE DU SOMMEIL CHEZ LE CHAT (STUDY OF EYE MOVEMENT DURING THE PARADOXICAL PHASE OF SLEEP IN THE CAT).
AD-629 218 6P T 66 08

SLENDER BODIES, FORCE(MECHANICS)
THE FORCE AND MOMENT ON A SLENDER BODY OF REVOLUTION MOVING NEAR A WALL.
AD-628 161 20D T 66 07 HC$ 1.60 MF$ 0.50

SLOCHING, TANKS(CONTAINERS)
SLOSHING OF LIQUIDS IN CYLINDRICAL TANKS OF ELLIPTIC CROSS-SECTION.
AD-629 284 20D T 66 08 HC$ 2.60 MF$ 0.50

SLOSHING, FUEL SYSTEMS
DAMPED OSCILLATIONS IN A CONNECTED FLUID SYSTEM.
AD-629 275 13D T 66 08 HC$ 1.60 MF$ 0.50

SLOSHING, TANKS(CONTAINERS)
SOME COMPARISONS OF SLOSHING BEHAVIOR IN CYLINDRICAL TANKS WITH FLAT AND CONICAL BOTTOMS.
AD-629 285 20D T 66 08 HC$ 1.60 MF$ 0.50

SLURRY COATINGS, BERYLLIUM
OXIDATION PROTECTION OF BERYLLIUM AT HIGH TEMPERATURES.
CONF-729-4 11F U 41 07 HC$ 2.00 MF$ 0.50

SNOW, GLACIERS
THE MECHANISM OF ACTION OF FIRNS ON THEIR BEDS.
AD-628 531 8L T 66 07 HC$ 1.00 MF$ 0.50

SNOW, RUNWAYS
COMPACTED-SNOW RUNWAYS IN ANTARCTICA, DEEP FREEZE 61-64 TRIALS.
AD-629 675 8L T 66 08 HC$ 4.60 MF$ 0.50

SOCIAL COMMUNICATION, EFFECTIVENESS
A CROSS-CULTURAL COMPARISON OF PRINTED COMMUNICATION VERSUS SPOKEN COMMUNICATION IN PERSUASION.
AD-628 651 5J T 66 07

SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

SOCIAL COMMUNICATION, SOCIOMETRICS
ROLE BEHAVIOUR AND SOCIAL STRUCTURE.
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75

SOCIAL PSYCHOLOGY, BEHAVIOR
SOME CORRELATES OF THE DON'T-KNOW RESPONSE IN OPINION QUESTIONNAIRES.
AD-629 147 5J T 66 08

SOCIAL PSYCHOLOGY, MENTAL DISORDERS
CROSSCULTURAL DEFINITIONS FOR EPIDEMIOLOGICAL STUDIES IN MENTAL HEALTH.
AD-629 016 5J T 66 08 HC$ 1.60 MF$ 0.50

SOCIAL PSYCHOLOGY, MILITARY PERSONNEL
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

SOCIOLOGY, BEHAVIOR

ROLE BEHAVIOUR AND SOCIAL STRUCTURE.
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75

SOCIOLOGY, URBAN AREAS
PROCESSES OF MODERNIZATION AND OF URBAN AND INDUSTRIAL TRANSFORMATION UNDER CONDITIONS OF STRUCTURAL DUALITY.
AD-629 235 5K T 66 08

SODIUM GRAPHITE REACTORS, NUCLEAR ENGINEERING
PROCEEDINGS OF SODIUM COMPONENTS DEVELOPMENT PROGRAM. INFORMATION MEETING, CHICAGO, ILLINOIS, JUNE 16-17, 1965.
CONF-650620 18I U 41 08 HC$ 3.00 MF$ 1.50

SODIUM, EXCITATION
ELECTRON EXCITATION CROSS SECTION OF THE 3-DOUBLET-S TO 3-DOUBLET-P TRANSITION OF SODIUM.
AD-628 406 7D T 66 07

SODIUM, NUCLEAR CROSS SECTIONS
QUENCHING OF NA RADIATION BY HE.
AD-629 072 7D T 66 08

SOFT LANDINGS, DYNAMICS
MONTE CARLO APPROACH TO TOUCHDOWN DYNAMICS FOR SOFT LUNAR LANDING.
N66-10749 22A U 41 07 HC$ 3.00 MF$ 0.50

SOFT LANDINGS, MOON
SURVEYOR PROJECT STATUS REPORT, 13 NOVEMBER 1964.
N66-10640 22B U 41 08 HC$ 1.00 MF$ 0.50

SOIL MECHANICS, ABSTRACTS
CBE FACTORS: MONTHLY SURVEY NO. 1.
AD-628 294 6F T 66 07 HC$ 3.00 MF$ 0.75

CRE FACTORS: MONTHLY SURVEY NO. 2.
AD-628 848 6F T 66 07 HC$ 3.00 MF$ 0.75

SOIL MECHANICS, CLAY
ON THE STRENGTH OF CLAYEY SOILS. A STUDY OF THE SHEARING RESISTANCE MECHANISM OF THE STRUCTURAL LEVEL.
AD-628 510 8M T 66 07 HC$19.50 MF$ 1.25

SOIL MECHANICS, MOON
STUDIES OF LUNAR AND MARTIAN SOIL MECHANICS.
N66-12980 3B U 41 08 HC$ 1.00 MF$ 0.50

SOIL MECHANICS, POROUS MATERIALS
INVESTIGATION OF EQUATION OF STATE OF POROUS EARTH MEDIA.
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00

SOIL MECHANICS, TRAFFICABILITY
CHARACTERISTICS OF U. S. RICE FIELDS AND THEIR EFFECTS ON GROUND MOBILITY.
AD-628 734 8M T 66 07 MF$ 1.00

SOILD STATE PHYSICS, SCIENTIFIC RESEARCH
ANNUAL TECHNICAL REPORT, JULY 1, 1964 TO JUNE 30, 1965.
AD-629 013 11G T 66 08 HC$ 4.00 MF$ 1.00

SOILS, BIOCHEMISTRY
ENZYME ACTIVITY IN TERRESTRIAL SOIL IN RELATION TO EXPLORATION OF THE MARTIAN SURFACE.
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75

SOILS, MARSHALL ISLANDS
TERRESTRIAL SEDIMENTS AND SOILS OF THE NORTHERN MARSHALL ISLANDS.
AD-628 150 8G T 66 07 HC$ 6.00 MF$ 1.25

SOLAR SPECTRUM, MEASUREMENT
THE LOWER IONOSPHERE AT SOLAR MINIMUM.
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50

SOLAR ATMOSPHERE, ROTATION
THE GENERAL CIRCULATION OF THE SOLAR ATMOSPHERE AND THE MAINTENANCE OF THE EQUATORIAL ACCELERATION.
AD-629 117 3C T 66 08

SOLAR CELLS, BRAYTON CYCLE
TORQUE REQUIREMENTS FOR ORIENTATION OF A SOLAR BRAYTON SYSTEM IN EARTH ORBIT.
N66-12157 22C U 41 07 HC$ 2.00 MF$ 0.50

SOLAR CELLS, CALIBRATION
SOLAR CELL CALIBRATION TECHNIQUES.
N66-11229 10A U 41 08 HC$ 1.00 MF$ 0.50

SOLAR CELLS, ENERGY CONVERSION
PHOTOVOLTAIC POWER SYSTEMS USING HIGH SOLAR ENERGY FLUXES.
AD-629 241 10B T 66 08 HC$ 3.00 MF$ 0.75

SOLAR CELLS, GALLIUM COMPOUNDS
DEVELOPMENT OF IMPROVED SINGLE CRYSTAL GALLIUM PHOSPHIDE SOLAR CELLS.
N66-11246 20L U 41 08 HC$ 3.00 MF$ 0.75

SOLAR CELLS, GLASS SEALS
INVESTIGATION OF RESINOUS MATERIALS FOR USE AS SOLAR CELL COVER GLASS ADHESIVE.
N66-11228 11A U 41 08 HC$ 1.00 MF$ 0.50

SOLAR CELLS, POWER SUPPLIES
DYNAMIC SOLAR CELL POWER SYSTEM SIMULATOR.
N66-11204 14B U 41 08 HC$ 1.00 MF$ 0.50

SOLAR CELLS, RADIATION DAMAGE
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10638 10A U 41 08 HC$ 1.00 MF$ 0.50

N66-10645 10A U 41 08 HC$ 1.00 MF$ 0.50

N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50

REPORT ON NRL PROGRESS.
PB-168 986 14B U 41 07 HC$ 1.25 MF$ 0.50

SOLAR CORONA, BRIGHTNESS
OBSERVATIONS OF SOLAR RADIO BURSTS AT 26.3 MC/S.
N66-11222 20H U 41 08 HC$ 2.00 MF$ 0.50

SOLAR CORONA, RADIO ASTRONOMY
OCCULTATION OF TAURUS-A BY THE SOLAR CORONA AT 430 MC/S IN JUNE 1964.
AD-629 338 3B T 66 08

SOLAR CORONA, RADIOFREQUENCY
STUDY OF A RADIO PROBE OF THE EXTENDED SOLAR CORONA.
N66-11752 9A U 41 08 HC$ 1.00 MF$ 0.50

SOLAR ECLIPSES, PHOTOGRAPHY
EXPEDITION TO THAILAND FOR THE NOVEMBER 23, 1965 ANNULAR ECLIPSE.
AD-629 627 3B T 66 08 HC$ 2.00 MF$ 0.50

SOLAR ECLIPSES, RADIOFREQUENCY INTERFERENCE
SATELLITE SCINTILLATIONS OBSERVED DURING THE JULY 1963 SOLAR ECLIPSE.
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

SOLAR FLARES, IONOSPHERIC DISTURBANCES
AN ATLAS OF SOLAR FLARE EFFECTS IN THE IONOSPHERE OBSERVED WITH A HIGH-FREQUENCY DOPPLER TECHNIQUE, SEPTEMBER 1960DECEMBER 1962.
C13.46:326 4A U 41 08 MF$ 0.75

SOLAR RADIATION, DIELECTRIC FILMS
INVESTIGATION OF THIN DIELECTRIC FILMS FOR ENEPGY CONVERSION.
N66-10613 10A U 41 08 HC$ 4.00 MF$ 1.00

SOLAR RADIATION, ENERGY CONVERSION
STUDY OF THIN FILM LARGE AREA PHOTOVOLTAIC SOLAR ENERGY CONVERTER.
N66-10926 10A U 41 08 HC$ 2.00 MF$ 0.50

SOLAR RADIATION, FORESTRY
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. V. SOLAR RADIATION MEASUREMENTS AT NEOTOMA.
TID-21357 6F U 41 08 HC$ 3.00 MF$ 0.75

SOLAR RADIATION, GEOPHYSICS
A COMBINED REPORT ON GENERAL WORKS AND PRELIMINARY STUDIES ON SOLAR RADIO EMISSION AND SOLAR-TERRESTRIAL RELATIONSHIPS THROUGH V. L. F. PROPAGATION IN THE IONOSPHERE.
AD-628 887 4A T 66 08 HC$ 4.00 MF$ 0.75

SOLAR RADIATION, MEASUREMENT
TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-10877 4B U 41 08 HC$ 2.00 MF$ 0.50

SOLAR RADIATION, PLANETARY ATMOSPHERES
SCATTERING MATRICES AND RECIPROCITY RELATIONSHIPS FOR VARIOUS REPRESENTATIONS OF THE STATE OF POLARIZATION.
AD-629 556 4A T 66 08 HC$ 4.60 MF$ 0.50

SOLAR RADIATION, RADIATION MEASUREMENT SYSTEMS
BALLOON-BORNE MEASUREMENTS OF SOLAR IONIZING RADIATION.
AD-628 761 3B T 66 07 HC$26.10 MF$ 1.50

SOLAR RADIATION, RADIO WAVES
HIGH-RESOLUTION STUDIES OF TYPE III SOLAR EMISSION AT 11.4-METER WAVELENGTH.
AD-629 343 3B T 66 08

SOLAR RADIATION, X RAYS
A COMPARISON BETWEEN SOLAR X-RAY EMISSION AND VLF SUDDEN PHASE ANOMALIES.
AD-629 315 4A T 66 08

SOLAR SATELLITES, THRUST
COMBINED HIGH-LOW THRUST PROPULSION FOR THE CLOSE SOLAR PROBE MISSION.
N66-12158 22B U 41 07 HC$ 2.00 MF$ 0.50

SOLAR SPECTRUM, IRON
ATOMIC WAVE FUNCTIONS, COLLISION CROSS-SEC- TIONS, AND TRANSITION PROBABILITIES OF FE IONS.
AD-629 437 3B T 66 08

SOLAR SPECTRUM, STATISTICAL ANALYSIS
COMPARISONS OF POWER SPECTRUMS OF ARTIFICIAL TIME SERIES WITH SPECTRUM OF A SOLAR PLAGE INDEX.
AD-629 114 3B T 66 08

SOLAR SPECTRUM, ULTRAVIOLET RADIATION
3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM.
AD-629 233 3B T 66 08

SOLDERED JOINTS, HEAT TREATMENT
DETERMINATION OF THE EFFECTS OF A THERMAL STERILIZATION PROCESS ON THE MECHANICAL AND ELECTRICAL PROPERTIES OF SOLDERED AND WELDED JOINTS.
N66-12854 13H U 41 08 HC$ 6.00 MF$ 1.50

SOLENOIDS, MOSSBAUER EFFECT
MOSSBAUER TECHNIQUES USING HIGH-FIELD WATER-COOLED SOLENOIDS.
AD-629 191 20C T 66 08

SOLENOIDS, SUPERCONDUCTORS
FLUX CREEP AS A DOMINANT SOURCE OF DEGRADATION IN SUPERCONDUCTING SOLENOIDS.
AD-629 189 9A T 66 08

SOLID ROCKET FUELS, IGNITION
IGNITION OF AN EVAPORATING FUEL IN A HOT OXIDIZING GAS, INCLUDING THE EFFECT OF HEAT FEEDBACK.
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50

SOLID ROCKET PROPELLANTS, BURNING RATE
CONTINUOUS MEASUREMENT OF SOLID PROPELLANT BURNING RATES.
AD-629 070 21I T 66 08

SOLID ROCKET PROPELLANTS, COMBUSTION
RESEARCH ON SOLID PROPELLANT COMBUSTION INSTABILITY.
AD-629 585 21I T 66 08 HC$ 3.60 MF$ 0.50

SOLID ROCKET PROPELLANTS, COMPRESSIVE PROPERTIES
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC COMPRESSIBILITIES OF POLYMERIC MATERIALS.
AD-628 716 20K T 66 07

SOLID SOLUTIONS, ANALYSIS
FIELD ION MICROSCOPE INVESTIGATIONS OF SOLID SOLUTIONS.
N66-12990 20L U 41 08 HC$ 2.00 MF$ 0.50

SOLID SOLUTIONS, THERMODYNAMICS
THERMODYNAMIC PROPERTIES OF SOLID SOLUTIONS AT HIGH TEMPERATURES.
TID-21569 11F U 41 08 HC$ 1.00 MF$ 0.50

SOLID STATE PHYSICS, MICROWAVE EQUIPMENT
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75

SOLID STATE PHYSICS, MICROWAVE SPECTROSCOPY
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75

SOLID STATE PHYSICS, POWER AMPLIFIERS
HIGH SPEED POWER AMPLIFIER USING AN ELECTRON SWITCHED P-N JUNCTION.
AD-628 858 9E T 66 07 HC$ 1.60 MF$ 0.50

SOLID STATE PHYSICS, REVIEWS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

SOLID STATE PHYSICS, SCIENTIFIC RESEARCH
SOLID STATE RESEARCH 1965-3.
AD-629 048 20L T 66 08 HC$ 3.00 MF$ 0.75

SEMIANNUAL PROGRESS REPORT NO. 70, JANUARY 1, 1965-JULY 1, 1965.
AD-629 484 9C T 66 08 HC$ 6.60 MF$ 0.75

SOLID STATE PHYSICS, STATISTICAL MECHANICS
SOME TOPICS IN STATISTICAL MECHANICS. (MOLECULAR DISTRIBUTION FUNCTIONS, CLUSTER EXPANSIONS, ETC.) A SERIES OF LECTURES.
ANL-7063 20L U 41 08 HC$ 3.00 MF$ 0.75

SOLIDIFIED GASES, BAND SPECTRUM
SCHUMANN-RUNGE BANDS OF O2 IN SOLID PHASES: SPECTROSCOPIC MEASUREMENT OF INTERMOLECULAR POTENTIALS.
AD-628 720 7D T 66 07

SOLIDIFIED GASES, IMPURITIES
INFRARED SPECTRA OF HCl IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

SOLIDS, HELIUM GROUP GASES
DIFFUSION OF RARE GASES IN SOLIDS.
EURAEC-1314 20L U 41 07 HC$ 1.00 MF$ 0.50

THE KINETICS OF RARE-GAS DIFFUSION IN SOLIDS. TABLES AND GRAPHS FOR THE EVALUATION OF POST-ACTIVATION DIFFUSION EXPERIMENTS. (RARE-GAS DIFFUSION IN SOLIDS 10).
EURAEC-772 20L U 41 07 HC$ 2.00 MF$ 0.50

SOLIDS, OPTICAL PROPERTIES
MODERN SPECTROSCOPY OF SOLIDS.
AD-629 030 20F T 66 08

SOLIDS, PHYSICAL PROPERTIES
QUARTERLY REPORT.
AD-628 190 20L T 66 07 HC$ 1.10 MF$ 0.50

SOLIDS, SHOCK(MECHANICS)
SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

SOLIDS, THEORY
MULTIPLE-SCATTERING METHODS IN THE THEORY OF SOLIDS.
AD-629 151 20L T 66 08

SOLVENT EXTRACTION, IRON
IRON (III) EXTRACTION BY NITROBENZENE -BENZENE MIXTURES.
AD-628 826 7B T 66 07

SOLVENTS, TOXICITY
PHARMACOTOXIC EVALUATION OF NINE VEHICLES ADMINISTERED INTRAPERITONEALLY TO MICE.
AD-628 315 6T T 66 07 HC$ 2.60 MF$ 0.50

SONAR DOMES, SOUND TRANSMISSION
PARAMETRIC ANALYSIS OF DOME-TRANSDUCER INTERACTIONS.
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75

SONAR EQUIPMENT, BUOYS
AUTOMATIC SONOBUOY FUNCTION SELECTOR.
AD-629 724 17A T 66 08 HC$ 2.60 MF$ 0.50

SONIC BOOM, SHOCK WAVES
BEHAVIOR OF THE SONIC BOOM SHOCK WAVE NEAR THE SONIC CUTOFF ALTITUDE.
N66-13241 20A U 41 07 HC$ 3.00 MF$ 0.50

SORPTION, DEHYDRATED FOODS
INTERRELATIONSHIPS BETWEEN STORAGE STABILITY AND MOISTURE SORPTION PROPERTIES OF DEHYDRATED FOODS.
AD-629 219 6H T 66 08 HC$ 4.00 MF$ 1.00

SORPTION, GAS DISCHARGES
INVESTIGATION OF HIGH POWER GASEOUS ELECTRONICS.
AD-629 537 20I T 66 08 HC$ 3.00 MF$ 0.75

SOUND TRANSMISSION, ATMOSPHERE
UNUSUAL AUDIBILITY OF THE SUFFIELD EXPLOSION IN CANADA, JULY 1964.
AD-629 364 20A T 66 08

SOUND TRANSMISSION, SONAR DOMES
PARAMETRIC ANALYSIS OF DOME-TRANSDUCER INTERACTIONS.
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75

SOUNDING ROCKETS, INSTRUMENTATION
ROCKET INSTRUMENTATION FOR THE MEASUREMENT OF D-REGION ELECTRON DENSITY AND COLLISION FREQUENCIES.
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50

SOUNDING ROCKETS, RADIATION MEASUREMENT SYSTEMS
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 9A T 66 08 HC$ 4.00 MF$ 1.00

SOUNDS, ELLESMERE ISLAND
ON THE OCEANOGRAPHY OF THE NANSEN SOUND FIORD SYSTEM.
AD-628 145 8J T 66 07

SOUND, ABSORPTION
VIBRATIONAL RELAXATION IN CARBON DIOXIDE/WATER-VAPOR MIXTURES.
AD-628 572 7D T 66 07

SOUND ABSORPTION IN SUBSTITUTED METHANE -INERT-GAS MIXTURES.
AD-628 830 7D T 66 07

SOUND, SCATTERING
ON THE DISPERSION OF SOUND IN HELIUM.
AD-629 214 20A T 66 08 HC$ 1.60 MF$ 0.50

SOUTH EAST ASIA, TREES
VEGETATION OF SOUTHEAST ASIA STUDIES OF FOREST TYPES 1963-1965.
AD-629 181 2F T 66 08 HC$30.90 MF$ 1.50

SPACE BIOLOGY, AVIATION MEDICINE
AEROSPACE MEDICINE AND BIOLOGY: A CONTINUING BIBLIOGRAPHY WITH INDEXES.
N66-10316 6S U 41 07 HC$ 1.00 MF$ 1.00

SPACE BIOLOGY, DATA
BIOASTRONAUTICS DATA BOOK.
N65-15594 6C U 41 07 MF$ 2.00

SPACE BIOLOGY, DETECTION
A STUDY OF THE FEASIBILITY OF DETECTING EXTRATERRESTRIAL LIFE BASED ON THE EXCHANGE BETWEEN WATER AND OXYANIONS AND A STUDY OF ENERGY EXCHANGE IN AUTOTROPHIC LIFE.
N66-10939 6C U 41 08 HC$ 3.00 MF$ 0.75

SPACE BIOLOGY, LIFE EXPECTANCY
ANALYSIS OF THE EXTRATERRESTRIAL LIFE DETECTION PROBLEM.
N65-34227 6C U 41 07 HC$ 2.00 MF$ 0.50

SPACE CAPSULES, TEST METHODS
VOYAGER PROJECT.
N66-10617 22A U 41 08 HC$ 2.00 MF$ 0.50

SPACE COMMUNICATION SYSTEMS, MICROMINIATURIZATION(ELECTRONICS)
MICROELECTRONICS IN SPACE RESEARCH.
N66-10414 9C U 41 07 HC$ 1.00 MF$ 0.60

SPACE COMMUNICATION SYSTEMS, ASTRONAUTICS
A RED BEAM IN THE BLACK SKY.
AD-629 473 17B T 66 08 HC$ 1.10 MF$ 0.50

SPACE COMMUNICATION SYSTEMS, OMNIDIRECTIONAL ANTENNAS
THE DESIGN OF AN OMNIDIRECTIONAL ANTENNA SYSTEM FOR THE APOLLO SPACECRAFT.
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25

SPACE COMMUNICATION SYSTEMS, SATELLITES(ARTIFICIAL)
COMMUNICATION PROBABILITIES FOR ORDERLYSPACED SATELLITES.
N66-10317 17B U 41 07 HC$ 2.00 MF$ 0.50

SPACE ENVIRONMENTAL CONDITIONS, PROTONS
TIME AND ALTITUDE DEPENDENCE OF 55-MEV TRAPPED PROTONS, AUGUST 1961 TO JUNE 1964.
AD-629 119 4A T 66 08

SPACE ENVIRONMENTAL CONDITIONS, ATMOSPHERIC SOUNDING
OBSERVATIONS OF MAGNETOSPHERIC BOUNDARY PHENOMENA.
N66-12988 20H U 41 08 HC$ 3.00 MF$ 0.50

SPACE ENVIRONMENTAL CONDITIONS, TEXTBOOKS
THE RADIATION ENVIRONMENT.
AD-465 928 4A U 41 08 HC$ 4.00 MF$ 0.75

SPACE ENVIRONMENTAL CONDITIONS, ELECTRON DENSITY
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00

SPACE ENVIRONMENTAL CONDITIONS, PERIODICALS
GEOPHYSICS AND SPACE DATA BULLETIN. VOLUME II: NUMBER 3.
AD-629 696 4A T 66 08 HC$ 6.00 MF$ 1.25

SPACE ENVIRONMENTAL CONDITIONS, VAN ALLEN RADIATION BELT
DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT.
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75

SPACE FLIGHT, CELESTIAL GUIDANCE
ASTRIONICS RESEARCH AND DEVELOPMENT.
N65-23781 22C U 41 07 HC$ 4.00 MF$ 0.75

SPACE FLIGHT, HISTORY
THE NATION'S MANNED SPACE FLIGHTS,
N66-10880 22A U 41 08 HC$ 1.00 MF$ 0.50

SPACE FLIGHT, SCIENTIFIC RESEARCH
ANNUAL STATUS REPORT TO NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
N66-10886 5A U 41 08 HC$ 1.00 MF$ 0.50

SPACE MEDICINE, CONFINED ENVIRONMENTS
HYPOKINESIA SECONDARY TO CHAIR REST FROM 4 TO 10 DAYS,
AD-628 314 6S T 66 07

SPACE NAVIGATION, RADIOMETERS
MOLECULAR ATMOSPHERIC OXYGEN HORIZON STUDY RADIOMETRIC MEASUREMENT INSTRUMENT.
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75

SPACE PERCEPTION, MOTOR REACTIONS
REMARKS ON THE RELATION BETWEEN PERCEPTION AND MOTION,
AD-629 300 5J T 66 08

SPACE PROBES, BIBLIOGRAPHIES
BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1960-1964.
AD-628 792 3A T 66 07 HC$ 8.30 MF$ 2.25

SPACE PROBES, ENVIRONMENTAL TESTS
THERMAL SCALE MODELING OF THE MARINER IV SPACECRAFT.
N66-10631 22B U 41 08 HC$ 5.00 MF$ 1.00

SPACE PROBES, LOW TEMPERATURE BATTERIES
DEVELOPMENT OF A LOW TEMPERATURE BATTERY FOR SPACE PROBE APPLICATIONS.
N66-12347 10C U 41 08 HC$ 4.00 MF$ 1.00

SPACECRAFT CABINS, CONTAMINATION
MICROBIAL PROFILE OF LAMINAR FLOW CLEAN ROOMS,
N66-11215 14B U 41 08 HC$ 2.00 MF$ 0.50

SPACECRAFT CABINS, LIFE SUPPORT
LOW AMBIENT PRESSURE ENVIRONMENTS AND TOXICITY. A NEW APPROACH TO SPACE CABIN TOXICOLOGY,
AD-628 566 6K T 66 07

SPACECRAFT COMPONENTS, ELASTICITY
ON THE INFLUENCE OF THE ELASTICITY OF COMPONENTS IN A SPINNING SATELLITE ON THE STABILITY OF ITS MOTION.
AD-628 247 22B T 66 07 HC$ 3.60 MF$ 0.50

SPACECRAFT COMPONENTS, FLEXIBLE STRUCTURES
EVALUATION OF ONE TYPE OF FOLDABLE TUBE.
N66-12137 22B U 41 07 HC$ 1.00 MF$ 0.50

SPACECRAFT DOCKING, SIMULATORS
A STUDY OF GEMINI-AGENA DOCKING USING A FIXED-BASE SIMULATOR EMPLOYING A CLOSED-CIRCUIT TELEVISION SYSTEM.
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50

SPACECRAFT, COATINGS
EFFECTS OF ELECTRON BOMBARDMENT ON THE OPTICAL PROPERTIES OF SPACECRAFT TEMPERATURE CONTROL COATINGS.
AD-628 615 22B T 66 07

A COMPARISON OF TWO EMITTANCE MEASUREMENT TECHNIQUES,
N66-10687 20M U 41 08 HC$ 1.00 MF$ 0.50

SPACECRAFT, EXPERIMENTAL DESIGN
DEVELOPMENT TESTING OF SPACE VEHICLES,
AD-628 053 22B T 66 07 HC$ 4.00 MF$ 0.75

SPACECRAFT, MAGNETIC FIELDS
PROCEEDINGS OF THE MAGNETICS WORKSHOP.
N66-10425 20H U 41 08 HC$ 7.00 MF$ 2.00

SPACECRAFT, MAINTENANCE
OPTIMAL PROCEDURES FOR STOCHASTICALLY FAILING EQUIPMENT,
N66-10755 22B U 41 08 HC$ 2.00 MF$ 0.50

SPACECRAFT, MARS PROBES
STUDY OF AN ABLE-MARS ENCOUNTER MISSION.
N66-10801 22B U 41 08 HC$ 4.00 MF$ 0.75

SPACECRAFT, MATERIALS
SPACE MATERIALS HANDBOOK.
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50

SPACECRAFT, METEORITES
PEGASUS SATELLITE MEASUREMENTS OF METEOROID PENETRATION (FEB. 16 - JULY 20, 1965).
N66-13238 22B U 41 07 HC$ 1.00 MF$ 0.50

SPACECRAFT, POWER SUPPLIES
EVALUATION PROGRAM FOR SECONDARY SPACECRAFT CELLS. ACCEPTANCE TEST OF SONOTONE,
N66-11672 10C U 41 08 HC$ 1.00 MF$ 0.50

SPACECRAFT, PROPULSION
SOLAR-POWERED ELECTRIC PROPULSION SPACECRAFT.
N66-13000 21C U 41 08 HC$ 4.00 MF$ 1.00

SPACECRAFT, PROTECTIVE COVERINGS
INFLUENCE OF THE BUMPER AND MAIN WALL MATERIAL ON THE EFFECTIVENESS OF SINGLE METEOROID BUMPERS.
N66-10604 22B U 41 07 HC$ 2.00 MF$ 0.50

SPACECRAFT, RADIATION DAMAGE
ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00

SPACECRAFT, RADIATORS
ANALYSIS OF LOW-TEMPERATURE DIRECT-CONDENSING VAPOR-CHAMBER FIN AND CONDUCTING FIN RADIATORS.
N66-10748 22B U 41 07 HC$ 3.00 MF$ 0.50

SPACECRAFT, SILICONE PLASTICS
POLYMERS FOR SPACECRAFT HARDWARE. MATERIALS SPECIFICATIONS AND ENGINEERING INFORMATION.
N66-10629 11J U 41 08 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF SPECIFICATIONS FOR POLYMERIC MATERIALS.
N66-10630 11J U 41 08 HC$ 1.00 MF$ 0.50

SPACECRAFT, SOFT LANDINGS
SURVEYOR PROJECT STATUS REPORT, 13 NOVEMBER 1964,
N66-10640 22B U 41 08 HC$ 1.00 MF$ 0.50

SPACECRAFT, TELEVISION COMMUNICATION SYSTEMS
SURVEYOR PROJECT STATUS REPORT, 27 NOVEMBER 1964,
N66-10641 22B U 41 08 HC$ 1.00 MF$ 0.50

SPACECRAFT, TEMPERATURE CONTROL
RESEARCH AND DEVELOPMENT STUDY ON THERMAL CONTROL BY USE OF FUSIBLE MATERIALS.
N66-10628 20M U 41 08 HC$ 3.00 MF$ 0.75

SPACECRAFT, TEST METHODS
VOYAGER PROJECT.
N66-10617 22A U 41 08 HC$ 2.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 8 JANUARY 1965,
N66-10642 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 19 FEBRUARY 1965,
N66-10644 22B U 41 08 HC$ 1.00 MF$ 0.50

SPACECRAFT, VIBRATION
SPECTRAL ANALYSIS OF NONSTATIONARY SPACECRAFT VIBRATION DATA.
N66-11250 22C U 41 07 HC$ 4.00 MF$ 0.75

SPACE, RESEARCH PROGRAM ADMINISTRATION
SPACE AND THE INTERNATIONAL COOPERATION YEAR - A NATIONAL CHALLENGE,
N66-10750 22A U 41 08 MF$ 0.50

SPACE, RESEARCH PROGRAMS ADMINISTRA TION
SPACE PROGRAMS SUMMARY NO. 37-34, VOLUME IV FOR THE PERIOD JUNE 1, 1965 TO JULY 31, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N66-10340 22C U 41 08 HC$ 7.00 MF$ 1.75

SPECIAL FUNCTIONS (MATHEMATICAL), APPROXIMATION(MATHEMATICS)
RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS.
AD-628 888 12A T 66 08 HC$ 4.60 MF$ 0.50

SPECIAL FUNCTIONS(MATHEMATICAL), COMPUTER LOGIC
THRESHOLD FUNCTIONS THROUGH N = 7.
AD-452 952 12A U 41 08 HC$ 2.00

SPECIAL FUNCTIONS(MATHEMATICAL), ASYMPTOTIC SERIES
ON THE ASYMPTOTIC SOLUTIONS OF SECONDORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF RANK ONE, WITH AN APPLICATION TO WHITTAKER FUNCTIONS.
AD-628 665 12A T 66 07

SPECIAL FUNCTIONS(MATHEMATICAL), DETERMINATION
NUMERICAL DETERMINATION OF SPHEROIDAL WAVE FUNCTION EIGENVALUES AND EXPANSION COEFFICIENTS,
AD-628 760 12A T 66 07 HC$ 5.00 MF$ 1.00

SPECIAL FUNCTIONS(MATHEMATICAL), ENTROPY
ON BOLTZMANN'S H-THEOREM,
AD-629 536 20M T 66 08

SPECIAL PURPOSE CAMERAS, INTEGRATED CIRCUITS
PINHOLE ARRAY CAMERA FOR INTEGRATED CIRCUITS,
AD-628 485 14E T 66 07 HC$ 1.00 MF$ 0.50

SPECIAL PURPOSE COMPUTERS, FEASIBILITY STUDIES
DEVELOPMENT OF AN AUTOMATIC DEVICE FOR SOLVING CONTINUUM MECHANICS PROBLEMS.
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25

SPECIAL PURPOSE COMPUTERS, PITCH DISCRIMINATION
A COMPUTER FOR VOCODER PITCH EXTRACTION.
AD-629 361 9B T 66 08 HC$ 2.00 MF$ 0.50

SPECIFIC HEAT, IRON COMPOUNDS
SPECIFIC HEAT OF FE3(PO4)2.8H20,
AD-628 742 20L T 66 07

SPECIFIC HEAT, MANGANESE COMPOUNDS
SPECIFIC-HEAT SINGULARITY IN MNF2,
AD-628 728 20L T 66 07

SPECTRO PHOTOMETERS, PORTABLE
TWO APPROACHES TO A PORTABLE COLOR -MEASURING SYSTEM,
AD-629 704 20F T 66 08 HC$ 1.00 MF$ 0.50

SPECTROPHOTOMETERS, BIOCHEMISTRY
AN IMPROVED FLAME SPECTROPHOTOMETER FOR BIOLOGIC CALCIUM ANALYSIS,
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50

SPECTROPHOTOMETERS, CELLS(BIOLOGY)
A NEW INSTRUMENT FOR PRECISION CYTOPHOTOMETRY,
AD-628 927 6C T 66 08 HC$ 2.00 MF$ 0.50

SPECTROSCOPY, AMERICIUM
ANALYSIS OF AMERICIUM FOR PLUTONIUM, THORIUM AND RARE EARTH IMPURITIES BY EMISSION SPECTROSCOPY,
RFP-414 7D U 41 08 HC$ 2.00 MF$ 0.50

SPECTROSCOPY, PLASMA JETS
PLASMA ARC STUDIES FOR ALLOY ANALYSIS,
AD-629 068 11F T 66 08 HC$ 1.00 MF$ 0.50

SPECTROSCOPY, SOLIDS
MODERN SPECTROSCOPY OF SOLIDS,
AD-629 030 20F T 66 08

SPECTROSCOPY, STANDARDS
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JULY 1964 TO JUNE 1965,
C13.46-275 7D U 41 07 MF$ 0.75

SPECTRUM ANALYZERS, DESIGN
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER FOR LOW ENERGY COLLISION MEASUREMENTS,
AD-466 782 20F U 41 08 HC$ 3.00 MF$ 0.75

SPECTRUM ANALYZERS, DIGITAL SYSTEMS
DIGITAL SIMULATION OF A DIGITAL SPECTRUM ANALYZER,
AD-629 387 14B T 66 08 HC$ 2.00 MF$ 0.50

SPECTRUM ANALYZERS, ELECTRON BEAMS
INTENSITY DISTRIBUTION IN THE ELECTRON-IMPACT SPECTRUM OF CARBON MONOXIDE AT HIGH-RESOLU- TION AND SMALL SCATTERING ANGLES,
AD-629 613 7D T 66 08

SPECTRUM SIGNATURES, RADIO EQUIPMENT
SPECTRUM SIGNATURE OF RADIO SET AN/GRC-27A,
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75

SPHERES, OSCILLATION
THE FLOW FIELD INDUCED BY AN OSCILLATING SPHERE,
AD-628 452 20D T 66 07

SPHERICAL WAVES(MATHEMATICAL), FUNCTIONS
CROSS-CORRELATION FUNCTIONS OF SPHERICAL WAVES PROPAGATING THROUGH A SLAB CONTAINING ANISOTROPIC IRREGULARITIES,
N66-11763 20N U 41 08 HC$ 1.00 MF$ 0.50

SPIN STABILIZATION, ROCKETS
AN APPROXIMATE METHOD FOR SOLVING THE SINGLE-DEGREE-OF-FREEDOM ROLL EQUATION WITH TIME-DEPENDENT COEFFICIENTS,
N66-13233 19D U 41 07 HC$ 1.00 MF$ 0.50

SPIN STABILIZATION, SATELLITE ATTIUDE
ON THE INFLUENCE OF THE ELASTICITY OF COMPONENTS IN A SPINNING SATELLITE ON THE STABILITY OF ITS MOTION,
AD-628 247 22B T 66 07 HC$ 3.60 MF$ 0.50

SPINELS, PHASE STUDIES
EXSOLUTION OF BETA-GA203 CRYSTALLINE SOLUTIONS IN THE SYSTEM MGA1204-GA203,
AD-629 699 11B T 66 08

SPIRO COMPOUNDS, SYNTHESIS(CHEMISTRY)
THE CHEMISTRY OF C-1 GROUND STATE, 3P,
AD-629 050 7C T 66 08

SPIROCHAETA, DOGS
INTESTINAL SPIROCHETES AND DISEASE IN DOGS,
LF-27 6M U 41 07 HC$ 1.00 MF$ 0.50

STABILITY, CONTROL SYSTEMS
INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 5. PIECE-WISE LINEAR METHODS AND ABSOLUTE STABILITY,
AD-628 954 12B T 66 08 HC$ 6.00 MF$ 1.50

STABILITY, LAMINAR FLOW
STABILITY OF HAGEN-POISEUILLE FLOW,
AD-629 321 20D T 66 08

STABILITY, MATHE MATICAL ANALYSIS
INTRODUCTION TO THE TECHNICAL THEORY OF STABILITY OF MOTION,
AD-629 440 20K T 66 08 HC$23.60 MF$ 1.25

STABILITY, THEORY
METHODS FOR SYSTEMATIC GENERATION OF LIAPUNOV FUNCTIONS /PART TWO/,
N66-10627 12A U 41 08 HC$ 7.00 MF$ 1.75

STAGNATION POINT, BOUNDARY LAYER
RADIATION EFFECTS IN THE STAGNATION REGION BOUNDARY LAYER,
AD-628 547 20M T 66 07 HC$ 5.60 MF$ 0.75

STAGNATION POINT, DISSOCIATION
DISSOCIATION EFFECTS ON THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN A HIGH MACH NUMBER AND LOY REYNOLDS NUMBER HYPERSONIC FLOW,
AD-628 142 20D T 66 07

STAINLESS STEEL, CARBON
STRAIN-ENHANCED DIFFUSION OF CARBON IN STAINLESS STEEL,
MSAR-65-89 11F U 41 07 HC$ 1.00 MF$ 0.50

STAINLESS STEEL, FATIGUE(MECHANICS)
INVESTIGATION OF THERMAL-STRESS-FATIGUE BEHAVIOR OF STAINLESS STEELS,
ATL-A-143 11F U 41 07 HC$ 1.00 MF$ 0.50

STAINLESS STEEL, STRESSES
FATIGUE-CRACK PROPAGATION AND RESIDUAL STATIC STRENGTH OF PH 15-7 MO (TH 1050) STAINLESS STEEL,
N66-13231 11F U 41 07 HC$ 2.00 MF$ 0.50

STAINLESS STEEL, THERMAL STRESSES
INVESTIGATION OF THERMAL-STRESS-FATIGUE BEHAVIOR OF STAINLESS STEELS,
ATL-A-144 11F U 41 07 HC$ 4.00 MF$ 1.00

STANDARDS, PRINTED CIRCUITS
ESTABLISHMENT OF STANDARDS FOR COMPATABILITY OF PRINTED CIRCUIT AND COMPONENT LEAD MATERIALS,
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00

STARCHES, GELATINS
STRUCTURAL-MECHANICAL PROPERTIES OF STARCH PASTES,
AD-628 419 6H T 66 07 HC$ 1.00 MF$ 0.50

STARK EFFECT, HYDROGEN
THEORY OF WING BROADENING OF THE HYDROGEN LYMAN-ALPHA LINE BY ELECTRONS AND IONS IN A PLASMA,
AD-628 464 20I T 66 07

STARK EFFECT, RARE EARTH ELEMENTS
THE GROUND STATES AND RELATIVE STARK SPLITTINGS OF SOME TRIVALENT RARE EARTH IONS IN THE CUBIC CRYSTAL FIELD OF CALCIUM FLUORIDE,
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50

STARS TRACKERS, OPTICAL IMAGES
1-1/2 INCH ELECTROSTATIC IMAGE DISSECTOR,
N65-18488 20F U 41 07 HC$ 3.00 MF$ 0.50

STARS, NEUTRONS
NEUTRON STARS. I. PROPERTIES AT ABSOLUTE ZERO TEMPERATURE,
AD-628 459 3B T 66 07

NEUTRON STARS. II. NEUTRINO-COOLING AND OBSERVABILITY,
AD-628 460 3B T 66 07

STARS, NUCLEAR REACTIONS
STUDIES IN STELLAR EVOLUTION. II. LITHIUM DEPLETION DURING THE PRE-MAIN-SEQUENCE CONTRACTION,
AD-629 682 3B T 66 08

STARS, RADIO ASTRONOMY
STRUCTURE OF THE CENTRAL COMPONENT OF CENTAURUS A,
AD-629 290 3B T 66 08

STARS, SILICON
STUDIES OF THE PECULIAR A STARS. II. THE SILICON-ABUNDANCE ANOMALY,
AD-629 036 3B T 66 08

STARS, SPECTROSCOPY
EFFECTIVE TEMPERATURES AND GRAVITIES OF AP, AM, AND NORMAL A-TYPE STARS,
AD-629 376 3B T 66 08

STARVATION, DESOXYRIBONUCLEIC ACIDS
SUPPRESSION OF DNA SYNTHESIS IN WEANLING RAT KIDNEYS BY SHORT-TERM FASTING,
AD-628 360 6P T 66 07 HC$ 2.60 MF$ 0.50

STARVATION, MOTIVATION
STIMULUS GENERALIZATION AS A FUNCTION OF DRIVE SHIFT,
AD-629 034 5J T 66 08

STATISTICAL ANALYSIS
R CHART CONTROL LIMITS BASED ON A SMALL NUMBER OF SUBGROUPS,
N66-10653 12A U 41 08 HC$ 1.00 MF$ 0.50

STATISTICAL ANALYSIS, DATA
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA,
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

STATISTICAL ANALYSIS, INEQUALITIES
SOME INEQUALITIES FOR SYMMETRIC MEANS,
AD-629 135 12A T 66 08

STATISTICAL ANALYSIS, MATHEMATICAL MODELS
PROBLEMS IN THE STATISTICAL ANALYSIS OF SIMULATION EXPERIMENTS: THE COMPARISON OF MEANS AND THE LENGTH OF SAMPLE RECORDS,
AD-628 626 12A T 66 07 HC$ 2.60 MF$ 0.50

STATISTICAL ANALYSIS, MEASURE THEORY
ON THE ASYMPTOTIC BEHAVIOR OF K-MEANS,
AD-629 518 12A T 66 08 HC$ 1.60 MF$ 0.50

STATISTICAL ANALYSIS, QUALITY CONTROL

CHAIN SAMPLING INSPECTION PLANS- CHSP-0.4 AND CHSP-1.4.
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50

STATISTICAL ANALYSIS, RADAR TRACKING
STATISTICAL METHODS FOR THE ANALYSIS OF RE-ENTRY VEHICLE RADAR DATA, PART I.
AD-629 359 17I T 66 08 HC$10.60 MF$ 0.75

STATISTICAL ANALYSIS, SOLAR SPECTRUM
COMPARISONS OF POWER SPECTRUMS OF ARTIFICIAL TIME SERIES WITH SPECTRUM OF A SOLAR PLAGE INDEX.
AD-629 114 3B T 66 08

STATISTICAL ANALYSIS, STATISTICAL DISTRIBUTIONS
ON REGRESSION TECHNIQUES FOR ESTIMATING THE PARAMETERS OF WEIBULL CUMULATIVE DISTRIBUTIONS.
AD-628 336 12B T 66 07 HC$ 5.60 MF$ 0.50

TOLERANCE AND CONFIDENCE LIMITS FOR CLASSES OF DISTRIBUTIONS BASED ON FAILURE RATE.
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50

STATISTICAL DISTRIBUTIONS, RE LIABILITY
TOLERANCE AND CONFIDENCE LIMITS FOR CLASSES OF DISTRIBUTIONS BASED ON FAILURE RATE.
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50

STATISTICAL DISTRIBUTIONS, STATISTICAL ANALYSIS
ON REGRESSION TECHNIQUES FOR ESTIMATING THE PARAMETERS OF WEIBULL CUMULATIVE DISTRIBUTIONS.
AD-628 336 12B T 66 07 HC$ 5.60 MF$ 0.50

STATISTICAL FUNCTIONS, BOSONS
THE GROUND-STATE THREE-BODY CORRELATION FUNCTION IN A DILUTE BOSON GAS WITH HARD-SPHERE INTERACTION.
AD-629 091 20J T 66 08 HC$ 1.60 MF$ 0.50

STATISTICAL FUNCTIONS, SAMPLING
AUXILIARY ESTIMATING FUNCTIONS FOR DOUBLY TRUNCATED NORMAL SAMPLES,
N65-25347 12A U 41 07 HC$ 3.00 MF$ 0.50

STATISTICAL FUNCTIONS, SIGNALS
ERRORS IN THE MEASUREMENT OF THE PROBABILITY DENSITY FUNCTION.
AD-628 725 9D T 66 07 HC$ 3.00 MF$ 0.75

STATISTICAL MECHANICS, BIOLOGY
SEMIFORMAL REPRESENTATION OF ORGANISMIC CONCEPTS,
AD-628 687 6C T 66 07

STATISTICAL MECHANICS, CRYOGENICS
STATISTICAL MECHANICS OF AN ASSEMBLY OF QUASIPARTICLES,
AD-629 616 20J T 66 08

STATISTICAL MECHANICS, FERROMAGNETISM
STATISTICAL MECHANICS OF FERROMAGNETISM,
AD-629 504 7D T 66 08

STATISTICAL MECHANICS, FIELD THEORY
KINETIC EQUATIONS AND STATIONARY STATE FOR A SYSTEM IN A UNIFORM EXTERNAL FIELD,
AD-628 374 20H T 66 07

STATISTICAL MECHANICS, HYDRODYNAMICS
RELATIVISTIC EFFECTS IN STATISTICAL HYDRODYNAMICS,
AD-629 690 20D T 66 08

STATISTICAL MECHANICS, SOLID STATE PHYSICS
SOME TOPICS IN STATISTICAL MECHANICS. (MOLECULAR DISTRIBUTION FUNCTIONS, CLUSTER EXPANSIONS, ETC.) A SERIES OF LECTURES,
ANL-7063 20L U 41 08 HC$ 3.00 MF$ 0.75

STATISTICAL PROCESSES, QUALITY CONTROL
CUMULATIVE SUM CONTROL CHARTS. MATHEMATICAL PRINCIPLES APPLIED TO THEIR CONSTRUCTION AND USE, PARTS I-III,
AD-628 431 12A T 66 07

STATISTICAL TESTS, AIR FORCE OPERATIONS
PROCEDURES FOR COMPARING THE CORRELATED OUTPUTS OF TWO AIR FORCE BASES,
AD-629 129 12B T 66 08 HC$ 3.60 MF$ 0.50

STATISTICAL TESTS, OPTIMIZATION
THE PERFORMANCE OF SEVERAL TESTS FOR OUTLIERS,
AD-628 655 12A T 66 07

EXACT POWER OF SOME QUICK TESTS BASED ON MOOD'S AND MASSEY'S STATISTICS,
AD-629 256 12A T 66 08

STATISTICAL TESTS, SEQUENTIAL ANALYSIS
ON THE SAMPLE SIZE AND SIMPLIFICATION OF A CLASS OF SPRT'S.
AD-628 364 12A T 66 07 HC$ 1.60 MF$ 0.50

STEAM TURBINES, LUBRICATION
VAPOR-SPACE-CORROSION INHIBITED OILS FOR USE IN STEAM-TURBINE LUBRICATING SYSTEMS.
AD-62[illegible] 838 11H T 66 07 HC$ 4.60 MF$ 0.50

STEEL, ARC WELDING
FERROUS ARC WELDING. PART II, SELECTED ABSTRACTS FROM THE LITERATURE.
AD-628 284 11F T 66 07 HC$28.70 MF$ 1.50

STEEL, CASTING
AN INVESTIGATION OF THERMAL AND MECHANICAL STABILITY OF MOLD MATERIALS FOR STEEL CASTINGS.
AD-628 387 11F T 66 07 HC$ 4.60 MF$ 0.50

STEEL, DEFORMATION
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 3. ACOUSTIC SOFTENING AT HIGH STRAIN RATES.
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50

STEEL, FATIGUE(MECHANICS)
A STUDY ON PLASTIC FATIGUE EMBRITTLEMENT IN REACTOR VESSEL STEELS.
EURAEC-1102 11F U 41 07 HC$ 2.00 MF$ 0.50

STEEL, MECHANICAL PROPERTIES
THE EFFECT OF RADIATION ON THE DUCTILEBRITTLE TRANSITION IN PRESSURE VESSEL STEELS.
EURAEC-1218 11F U 41 07 HC$ 2.00 MF$ 0.50

STEEL, NEUTRON ACTIVATION
ANALYSIS OF A DAMASCUS STEEL BY NEUTRON AND GAMMA ACTIVATION,
IS-1105 7E U 41 07 HC$ 1.00 MF$ 0.50

STEEL, STRUCTURES
A NONLINEAR PROGRAMMING APPROACH TO THE MINIMUM WEIGHT ELASTIC DESIGN OF STEEL STRUCTURES.
PB-169 207 13M U 41 07 HC$ 4.00 MF$ 0.75

STEEL, TEMPERING
EFFECTS OF TEMPERING ABOVE THE LOWER CRITICAL TEMPERATURE A SUB C1 ON THE PROPERTIES OF AN HY-80 STEEL.
AD-628 979 13H T 66 08 HC$ 2.00 MF$ 0.50

STEEL, THICKNESS
WELDING OF VERY THICK STEELS.
EURAEC-1106 13H U 41 07 HC$ 6.00 MF$ 1.25

STAINLESS STEEL CLADDING OF VERY THICK STEELS.
EURAEC-1228 13H U 41 07 HC$ 1.00 MF$ 0.50

STEEL, TRANSITION TEMPERATURE
THE DEVELOPMENT OF A NEW DETERMINATION OF THE DUTILE-BRITTLE TRANSITION TEMPERATURE.
EURAEC-1217 11F U 41 07 HC$ 2.00 MF$ 0.50

STEEL, WELDABILITY
FERROUS ARC WELDING. PART I. A CORRELATION OF THE LITERATURE ON WELDABILITY.
AD-628 156 11F T 66 07 MF$ 0.75

STEEL, WELDING
ELECTRO-SLAG WELDINGS OF REACTOR STEELS.
EURAEC-1166 13H U 41 07 HC$ 3.00 MF$ 0.75

ELECTRO-SLAG WELDING OF REACTOR STEELS.
EURAEC-1242 13H U 41 07 HC$ 3.00 MF$ 0.75

STEEL, WELDS
THE FATIGUE AND STATIC PROPERTIES OF BUTT WELDS IN STRUCTURAL STEELS,
AD-628 154 11F T 66 07 MF$ 0.75

STEREO CHEMISTRY, POLYCYCLIC COMPOUNDS
BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IBRATION STUDIES OF SOME SUBSTITUTED DIBENZO RICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES,
AD-629 547 7C T 66 08

STEREOCHEMISTRY, ACRYLIC RESINS
PROTON MAGNETIC RESONANCE LINE WIDTH AS A FUNCTION OF POLYMER TACTICITY,
AD-629 747 7D T 66 08

STEREOCHEMISTRY, CYCLOHEXANES
CONFORMATIONAL ANALYSIS IN MOBILE CYCLOHEXANE SYSTEMS,
AD-628 454 7C T 66 07

STEREOCHEMISTRY, KETONES
SELECTIVE REDUCTIONS. VIII. THE STEREOCHEMISTRY OF REDUCTION OF CYCLIC AND BICYCLIC KETONES BY THE ALKOXY-SUBSTITUTED LITHIUM ALUMINUM HYDRIDES,
AD-629 470 7C T 66 08

STEREOCHEMISTRY, POLYMERS
STEREOREGULARITY AND UNPERTURBED DIMENSIONS OF ISOTACTIC POLY-ALPHA-OLEFINS,
AD-629 281 11I T 66 08

STEREOCHEMISTRY, PROTEINS
SUBSTRATE CONTROL OF PROTEIN CONFORMATION,
AD-628 264 6A T 66 07

STEREOCHEMISTRY, SUBSTITUTION REACTION
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XIII. STEREOCHEMICAL STABILITY OF ALLYLIC AND VINYL ANIONS,
AD-629 641 7C T 66 08

STEREOCHEMISTRY, SUBSTITUTION REACTIONS
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XXII. INTRAMOLECULAR HYDROGEN TRANSFER REACTIONS IN BASE-CATALYZED ALLYLIC REARRANGEMENTS,
AD-629 639 7C T 66 08

STIFFENED CYLINDERS, COMPRESSIVE PROPERTIES
COMPRESSION TESTS ON INTEGRALLY STIFFENED CYLINDERS,
N66-10676 20K U 41 08 HC$ 4.00 MF$ 0.75

STIFFENED CYLINDERS, STRUCTURAL SHELLS
EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS UNDER TORSION,
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50

STOCHASTIC PROCESSES, CONTROL

A PROPERTY OF SEQUENTIAL CONTROL PROCESSES,
AD-628 096 12B T 66 07 HC$ 1.60 MF$ 0.50

STOCHASTIC PROCESSES, CONTROL SYSTEMS
STOCHASTIC STABILITY AND THE DESIGN OF FEEDBACK CONTROLS.
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50

SOME PROBLEMS AND SOME RECENT RESULTS IN STOCHASTIC CONTROL,
AD-628 700 12B T 66 07

STOCHASTIC PROCESSES, DISTRIBUTION THEORY
EXACT DISTRIBUTION OF THE SUM OF INDEPENDENT IDENTICALLY DISTRIBUTED DISCRETE RANDOM VARIABLES,
AD-628 654 12A T 66 07

STOCHASTIC PROCESSES, MATRIX ALGEBRA
DIAGONAL PRODUCTS IN DOUBLY STOCHASTIC MATRICES,
AD-629 597 12A T 66 08

STOCHASTIC PROCESSES, SEQUENCES
CONVERGENCE OF WEIGHTED AVERAGES OF INDEPENDENT RANDOM VARIABLES,
AD-629 602 12A T 66 08

STOCHASTIC PROCESSES, THEOREMS
A THEOREM ON FUNCTIONS OF CHARACTERISTIC FUNCTIONS AND ITS APPLICATION TO SOME RENEWAL THEORETIC RANDOM WALK PROBLEMS.
AD-628 164 12A T 66 07 HC$ 3.00 MF$ 0.75

STOCHASTIC POINT PROCESSES: LIMIT THEOREMS.
AD-629 525 12A T 66 08 HC$ 5.60 MF$ 0.50

STORAGE BATTERIES, TESTS
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT.
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

STORAGE BATTERIES, ELECTROCHEMISTRY
CHEMOELECTRIC ENERGY CONVERSION FOR NONAQUEOUS RESERVE BATTERIES.
AD-628 999 10C T 66 08 HC$ 2.60 MF$ 0.50

STORAGE BATTERIES, TESTS
EVALUATION PROGRAM FOR SECONDARY SPACECRAFT CELLS. ACCEPTANCE TEST OF SONOTONE,
N66-11672 10C U 41 08 HC$ 1.00 MF$ 0.50

STORAGE BATTERIES, USSR
METHOD OF STORING ELECTRICAL ENERGY,
AD-628 299 10C T 66 07 HC$ 1.10 MF$ 0.50

STORAGE TANKS, RADIOACTIVE WASTE
LEAKS IN RADIOACTIVE-WASTE TANKS,
DP-990 18G U 41 08 HC$ 2.00 MF$ 0.50

STRAIN GAGES, DESIGN
DESIGN, DEVELOPMENT, FABRICATION, AND DELIVERY OF THREE /3/ STRAIN GAGE ACCELEROMETERS.
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75

STRAIN(MECHANICS), COPPER
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME II. ANALYTICAL AND EXPERIMENTAL PLASTIC STRAIN PROFILES IN HIGH VELOCITY IMPACT.
AD-628 977 11F T 66 08 HC$11.60 MF$ 0.75

STRATOSPHERE, TEMPERATURE
STRATOSPHERIC TEMPERATURE VARIATIONS, 25 TO 55 KILOMETERS, AT LATITUDE 15 DEGREES N.
AD-628 903 4B T 66 08

STRATOSPHERE, WIND
LIGHT WINDS IN THE STRATOSPHERE (15-24 KM). PART 3,
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75

STREPTOMYCINS, TOXICITY
MODIFICATION OF VESTIBULAR SENSITIVITY IN THE RAT,
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50

STRESS CORROSION, FRACTURE(MECHANICS)
MECHANISM OF STRESS CORROSION CRACKING IN FACE-CENTERED-CUBIC METALS.
AD-628 085 11F T 66 07 HC$ 1.00 MF$ 0.50

STRESSES, CERAMIC MATERIALS
PROPERTIES OF TRANSDUCER CERAMICS UNDER MAINTAINED PLANAR STRESS,
AD-628 810 11B T 66 07

STRESSES, COPPER
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME I. THE EFFECT OF STRAIN RATE ON THE FLOW STRESS OF COPPER.
AD-628 865 11F T 66 07 HC$ 2.00 MF$ 0.50

STRESSES, PAVEMENTS
DEFLECTIONS AND STRESSES IN CONCRETE PAVEMENTS OF AIRFIELDS WITH CONTINUOUS ELASTIC JOINTS.
AD-628 501 13B T 66 07 HC$20.10 MF$ 1.25

STRESSES, TEST METHODS
DYNAMIC STRESS CONCENTRATION USING PHOTOELASTICITY AND A LASER LIGHT SOURCE,
PB-169 142 20K U 41 07 HC$ 1.00 MF$ 0.50

STRESS(PHYSIOLOGY), FATTY ACIDS
FREE FATTY ACID RESPONSES TO TILTING AFTER WATER IMMERSION,
AD-628 674 6S T 66 07

STRESS(PHYSIOLOGY), SHOCK WAVES
MAN'S RESPONSE TO SHIP SHOCK MOTIONS,
AD-628 891 6S T 66 08 HC$ 2.00 MF$ 0.50

STRESS(PHYSIOLOGY), VIBRATION
INJURY MECHANISM OF INTERNAL ORGANS OF ANIMALS EXPOSED TO SINUSOIDAL VIBRATION.
AD-628 949 6S T 66 08

STRONTIUM COMPOUNDS, TITANATES
PRESSURE DEPENDENCE OF THE DIELECTRIC CONSTANT OF STRONTIUM TITANATE,
AD-628 606 20L T 66 07

STRONTIUM, NUCLEAR ENERGY LEVELS
LEVELS OF SR85 POPULATED IN THE DECAY OF Y85 AND Y85M,
AD-629 576 18H T 66 08 HC$ 4.60 MF$ 0.50

STRONTIUM, RECOVERY
RECOVERY OF STRONTIUM FROM STORED PUREX WASTE BY LEAD SULFATE CARRIER PRECIPITATION. PILOT PLANT STUDIES,
BNWL-4 18G U 41 07 HC$ 2.00 MF$ 0.50

STRUCTURAL GEOLOGY, ANTARCTIC REGIONS
CRUSTAL STRUCTURE IN EAST ANTARCTICA FROM SURFACE WAVE DISPERSION,
AD-628 463 8G T 66 07

STRUCTURAL GEOLOGY, SEISMOLOGY
THE USE OF LEAKING MODES IN SEISMOGRAM INTERPRETATION AND IN STUDIES OF CRUSTMANTLE STRUCTURE,
AD-628 458 8K T 66 07

STRUCTURAL PARTS, COMPOSITE MATERIALS
POWDER METAL MATERIALS FOR MANUFACTURING LARGE-SCALE PARTS IN MACHINE-BUILDING AND CONSTRUCTION,
AD-629 413 11D T 66 08 HC$ 1.10 MF$ 0.50

STRUCTURAL PARTS, FLUID DYNAMIC PROPERTIES
NEWS OF INSTITUTIONS OF HIGHER LEARNING. AERONAUTICAL ENGINEERING (COLLECTION OF ARTICLES), NO. 4, 1963.
AD-629 441 1B T 66 08 HC$26.30 MF$ 1.25

STRUCTURAL PARTS, LOADING(MECHANICS)
ECCENTRICALLY LOADED LONG PILES.
AD-628 996 13M T 66 08 HC$11.60 MF$ 0.75

STRUCTURAL PARTS, MODELS(SIMULATIONS)
STRENGTH AND BEHAVIOR OF SIMULATED CULVERT SECTIONS FAILING IN SHEAR.
AD-628 285 13B T 66 07 HC$ 8.60 MF$ 0.75

STRUCTURAL PARTS, SPACECRAFT
R F TRANSPARENT, ENERGY ABSORBING, STRUCTURAL ELEMENTS, PHASE II.
N66-10885 22B U 41 08 HC$ 5.00 MF$ 1.00

STRUCTURAL PARTS, WELDS
STIFFENED PANELS AND WELDED CONTINUOUS FRAMED.
AD-628 978 13M T 66 08 HC$ 1.00 MF$ 0.50

STRUCTURAL SHELLS, BUCKLING(MECHANICS)
QUELQUES NOUVEAUX RESULTATS DE RECHERCHES SUR LE FLAMBAGE DES COQUES CYLINDRIQUES (SOME NEW RESULTS FROM RESEARCH ON THE BUCKLING OF CYLINDRICAL SHELLS),
AD-628 925 20K T 66 08 HC$ 5.60 MF$ 0.50

BUCKLING OF CIRCULAR CONICAL SHELLS UNDER UNIFORM AXIAL COMPRESSION,
AD-629 040 20K T 66 08

A NEW SOLUTION OF THE BUCKLING PROBLEM OF THIN CIRCULAR CYLINDRICAL SHELLS HEATED ALONG AN AXIAL STRIP.
AD-629 579 20K T 66 08 HC$ 3.60 MF$ 0.50

AN ANALOG STUDY OF THE THERMAL BUCKLING BEHAVIOR OF THIN CYLINDRICAL SHELLS.
AD-629 580 20K T 66 08 HC$ 3.60 MF$ 0.50

STRUCTURAL SHELLS, CYLINDRICAL BODIES
BUCKLING OF A LONG CYLINDRICAL SHELL SURROUNDED BY AN ELASTIC MEDIUM,
AD-628 738 20K T 66 07

STRUCTURAL SHELLS, FAILURE(MECHANICS)
A FAILURE CRITERION FOR BLAST LOADED CYLINDRICAL SHELLS,
AD-628 289 13M T 66 07 HC$11.60 MF$ 0.75

STRUCTURAL SHELLS, FLUTTER
UNTERSUCHUNGEN UBER DAS FLATTERN EINES DUNNWANDIGEN, KREISRUNDEN ZYLINDERS ENDLICHER LANGE IN UBERSCHALLSTROMUNG (INVESTIGATION IN FLUTTER OF THIN WALL CIRCULAR CYLINDERS OF FINITE LENGTH IN SUPERSONIC STREAMS),
AD-629 625 20D T 66 08

STRUCTURAL SHELLS, MECHANICAL WAVES
RESPONSE OF A SUBMERGED CYLINDRICAL SHELL TO AN AXIALLY PROPAGATING STEP WAVE,
AD-628 653 20K T 66 07

STRUCTURAL SHELLS, STIFFENED CYLINDERS
EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS UNDER TORSION,
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50

STRUCTURES, VIBRATION
SURVEYOR PROJECT STATUS REPORT, 19 FEBRUARY 1965,
N66-10644 22B U 41 08 HC$ 1.00 MF$ 0.50

STRUCTURES, CIVIL ENGINEERING
STRUCTURAL SUBASSEMBLAGES PREVENTED FROM SWAY,
AD-628 209 13B T 66 07

STRENGTH OF SINGLE-STORY STEEL FRAMES,
AD-628 210 13B T 66 07

STRUCTURES, CONTINUUM MECHANICS
ELASTIC-PLASTIC CONTINUA CONTAINING UNSTABLE ELEMENTS OBEYING NORMALITY AND CONVEXITY RELATIONS.
AD-628 855 20K T 66 07 HC$ 2.60 MF$ 0.50

STRUCTURES, DAMPING
SOME ASPECTS OF THE ANALYSIS OF DAMPING AND VIBRATIONS IN SIMPLE STRUCTURES.
AD-628 279 13M T 66 07 HC$ 6.00 MF$ 1.25

STRUCTURES, ELASTICITY
A NONLINEAR PROGRAMMING APPROACH TO THE MINIMUM WEIGHT ELASTIC DESIGN OF STEEL STRUCTURES.
PB-169 207 13M U 41 07 HC$ 4.00 MF$ 0.75

STRUCTURES, LOADING(MECHANICS)
ULTIMATE LOADS OF A CLASS OF SHELLS OF MATERIAL WITH NON-LINEAR BEHAVIOR,
AD-628 509 13M T 66 07 MF$ 0.75

STRUCTURES, MODEL TESTS
DYNAMIC TESTS OF MODEL STEEL STRUCTURES.
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00

STRUCTURES, RADIOACTIVE FALLOUT
EXPERIMENTAL RADIATION MEASUREMENTS IN CONVENTIONAL STRUCTURES. PART III. THE ATTENUATION OF AIR-SCATTERED RADIATION IN A BASEMENT,
CEX-59.7B 18H U 41 08 HC$ 1.00 MF$ 0.75

STRUCTURES, SHIELDING
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

AD-629 217 18F T 66 08 HC$ 1.60 MF$ 0.50

STRUCTURES, STRESSES
STRESS-INTENSITY FACTORS FOR THREE-POINT BEND SPECIMENS BY BOUNDARY COLLOCATION,
N66-12526 20K U 41 08 HC$ 1.00 MF$ 0.50

STRUCTURES, VIBRATION
SURVEYOR PROJECT STATUS REPORT, 5 FEBRUARY 1965,
N66-10643 22A U 41 08 HC$ 1.00 MF$ 0.50

STYRENE PLASTICS, ENCAPSULATION
LOW-LOSS STYRENE-TYPE FOAM-IN-PLACE ENCAPSULATING RESINS,
AD-628 537 11I T 66 07 HC$ 2.60 MF$ 0.50

SUBJECT INDEXING, MATHEMATICAL ANALYSIS
SOME THEORETICAL ASPECTS OF THE IMPROVEMENT OF DOCUMENT SCREENING BY ASSOCIATIVE TRANSFORMATIONS.
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50

SUBMARINE HULLS, FORCE(MECHANICS)
FORCES ON A SUBMARINE HULL INDUCED BY THE PROPELLER,
AD-628 774 13J T 66 07 HC$ 1.60 MF$ 0.50

SUBMARINES, STRUCTURAL PARTS
OBSERVATION WINDOWS OF THE DEEP SUBMERSIBLE, ALVIN,
AD-629 592 13J T 66 08 HC$ 3.60 MF$ 0.50

SUBMARINES, TELEVISION EQUIPMENT
SUBMARINE ILLUMINATION AND TELEVISION IN HARBOR WATER.
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75

SUBMARINES, THEORY
FUNDAMENTALS OF SUBMARINE THEORY,
AD-629 673 13J T 66 08 HC$ 1.00 MF$ 0.50

SUBMARINES, WAR GAMES
OPTIMUM SUBMARINE ROUTING.
AD-629 350 15G T 66 08 HC$ 2.60 MF$ 0.50

SUBMINIATURE ELECTRONIC EQUIPMENT, POTENTIOMETERS
PRODUCTION ENGINEERING MEASURE FOR SUBMINIATURE, TRANSISTOR TYPE POTENTIOMETERS.
AD-628 280 14B T 66 07 HC$ 1.00 MF$ 0.50

SUBSAHARAN AFRICA, COMMERCE
MALI (REPUBLIC OF).
PB-169 257 5C U 41 07 HC$ 4.00 MF$ 0.75

GUINEA (REPUBLIC OF).
PB-169 258 5C U 41 07 HC$ 4.00 MF$ 0.75

KINGDOM OF BURUNDI.
PB-169 263 5C U 41 07 HC$ 4.00 MF$ 1.00

EAST AFRICA (COMMON CUSTOMS AND EXCISE SERVICE).
PB-169 271 5C U 41 07 HC$ 2.00 MF$ 0.50

REPUBLIC OF ZAMBIA.
PB-169 273 5C U 41 07 HC$ 3.00 MF$ 0.75

RWANDA (REPUBLIC OF).
PB-169 275 5C U 41 07 HC$ 4.00 MF$ 0.75

REPUBLIC OF LIBERIA.
PB-169 286 5C U 41 07 HC$ 1.00 MF$ 0.50

SUBSAHARAN AFRICA, SOCIOLOGY
SOCIAL CHANGE AND MODERNIZATION IN AFRICAN SOCIETIES SOUTH OF THE SAHARA,
AD-629 234 5K T 66 08

SUBSTITUTION REACTIONS, HYDROGEN
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XXII. INTRAMOLECULAR HYDROGEN TRANSFER REACTIONS IN BASE-CATALYZED ALLYLIC REARRANGEMENTS,
AD-629 639 7C T 66 08

SUBSTITUTION REACTIONS, STEREO CHEMISTRY
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XIII. STEREOCHEMICAL STABILITY OF ALLYLIC AND VINYL ANIONS,
AD-629 641 7C T 66 08

SUBSTRATES, METALLIC CRYSTALS
DEPENDENCE OF ADSORPTION PROPERTIES ON SURFACE STRUCTURE FOR BODY-CENTERED-CUBIC SUBSTRATES.
N66-12528 7D U 41 07 HC$ 1.00 MF$ 0.50

SULFIDES, ENCAPSULATION
PRODUCIBILITY OF POTTING COMPOUNDS,
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50

SULFONATES, SURFACE-ACTIVE SUBSTANCES
WETTING AGENTS AND SURFACE ACTIVE COMPOSITIONS THEREFROM.
PATENT 3,219,584 11K U 41 07

SULFUR, ADSORPTION
THE ADSORPTION OF SULFUR ON COPPER.
AD-629 483 7D T 66 08 HC$ 3.60 MF$ 0.50

SULFUR, FOAMS
DEVELOPMENT OF EQUIPMENT AND PROCEDURES FOR PRODUCING LARGE QUANTITIES OF FOAMED SULPHUR IN THE FIELD.
AD-628 064 11G T 66 07 HC$ 1.00 MF$ 0.50

SUN, CELESTIAL MECHANICS
THE GENERAL CIRCULATION OF THE SOLAR ATMOSPHERE AND THE MAINTENANCE OF THE EQUATORIAL ACCELERATION.
AD-629 117 3C T 66 08

SUN, RADIO ASTRONOMY
HIGH-RESOLUTION STUDIES OF TYPE III SOLAR EMISSION AT 11.4-METER WAVELENGTH,
AD-629 343 3B T 66 08

SUN, THERMIONIC EMISSION
SOLAR THERMIONIC FLIGHT EXPERIMENTAL STUDY. VOLUME IV-APPENDICES.
N66-10682 10A U 41 08 HC$ 5.00 MF$ 1.25

SUN, ULTRAVIOLET RADIATION
ON THE DETERMINATION OF SOLAR EUV EMISSION ALTITUDES USING THE EARTH AS AN OCCULTING DISK,
N66-11210 20H U 41 08 HC$ 1.00 MF$ 0.50

SUPERAERODYNAMICS, COMPRESSIBLE FLOW
ONE-DIMENSIONAL COMPRESSION OF A COLLISIONLESS GAS,
AD-629 301 20D T 66 08

SUPERAERODYNAMICS, PLASMA MEDIUM
HYPERSONIC RAREFIED PLASMA FLOW.
AD-628 924 20I T 66 08 HC$ 1.10 MF$ 0.50

SUPERCONDUCTIVITY, NIOBIUM ALLOYS
SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

SUPERCONDUCTORS, ALPHA PARTICLE DETECTORS
SUPERCONDUCTING NUCLEAR PARTICLE DETECTOR.
AD-629 059 18D T 66 08 HC$ 1.00 MF$ 0.50

SUPERCONDUCTORS, ELECTRICAL EQUIPMENT
SUPERCONDUCTING ELECTRICAL MACHINERY AS A MEANS OF POWER TRANSMISSION IN AIRCRAFT.
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75

SUPERCONDUCTORS, ELECTROMAGNETIC PROPERTIES
ANOMALOUS BEHAVIOR OF SUPERCONDUCTING MICROGEOMETRIES IN THE PRESENCE OF HIGH CURRENT DENSITIES,
AD-629 458 20C T 66 08

SUPERCONDUCTORS, INTERMETALLIC COM POUNDS
SOME NEW SUPERCONDUCTING COMPOUNDS,
AD-628 822 20L T 66 07

SUPERCONDUCTORS, MAGNETIC FIELDS
DYNAMIC VORTEX EFFECTS IN THIN SUPERCONDUCTORS,
AD-629 460 20C T 66 08

QUANTIZED VORTICES IN SUPERCONDUCTORS,
AD-629 463 20C T 66 08

SUPERCONDUCTORS, SOLENOIDS
FLUX CREEP AS A DOMINANT SOURCE OF DEGRADATION IN SUPERCONDUCTING SOLENOIDS,
AD-629 189 9A T 66 08

SUPERCONDUCTORS, THERMAL STABILITY
THE MINIMUM PROPAGATING CURRENT OF A COMPOSITE SUPERCONDUCTOR,
AD-629 190 20C T 66 08

SUPERCONDUCTORS, TRANSITION TEMPERATURE
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES,
AD-629 514 20L T 66 08

SUPERFLUIDITY, HELIUM
EFFECTS OF TURBULENCE IN HE II THERMAL COUNTERFLOW,
AD-629 533 20D T 66 08

SUPERFLUIDITY, THEORY
MICROSCOPIC THEORY OF SUPERFLUID HELIUM,
AD-628 293 20J T 66 07

SUPERFLUIDITY, VENTURI TUBES
SUPERFLUID FLOW IN A VENTURI TUBE,
AD-629 192 20D T 66 08

SUPERSONIC FLIGHT, FLIGHT INSTRUMENTS
AIRCRAFT INSTRUMENT.
PATENT 3,221,549 1D U 41 07

SUPERSONIC FLOW, CALCULUS OF VARIATIONS
APPLIED MATHEMATICS AND MECHANICS (SELECTED ARTICLES).
AD-629 416 20D T 66 08 HC$ 4.60 MF$ 0.50

SUPERSONIC FLOW, CONICAL BODIES
SUPERSONIC FLOW ABOUT RIGHT CIRCULAR CONES AT ZERO YAW IN AIR AT THERMODYNAMIC EQUILIBRIUM. PART II. TABLES OF DATA,
AD-628 539 20D T 66 07 HC$11.25 MF$ 3.00

SUPERSONIC FLOW, FLOW SEPARATION
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS.
AD-628 182 20D T 66 07 HC$ 3.60 MF$ 0.50

SUPERSONIC PLANES, CIVIL AVIATION
COMMERCIAL SUPERSONIC TRANSPORT AIRCRAFT AND THE DOMESTIC AIR TRAVEL MARKET.
AD-629 572 1E T 66 08 HC$ 2.60 MF$ 0.50

SURFACE PROPERTIES, ICE
THE ADHESION OF ICE TO HYDROPHOBIC SURFACES.
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50

SURFACE TEMPERATURES, BODY
INFRARED THERMOGRAPHY OF SUBJECTS IN DIVERSE ENVIRONMENTS.
AD-629 348 6F T 66 08 HC$ 1.00 MF$ 0.50

SURFACE TENSION, MEASUREMENT
DISCONTINUITIES IN THE SURFACE STRUCTURE OF ALCOHOL-WATER MIXTURES,
AD-628 351 7D T 66 07 HC$ 2.00 MF$ 0.50

SURFACES, POLARIZATION
THEORETICAL CURVES OF BACKSCATTERING CROSS SECTIONS OF ROUGH SURFACES FOR SEVERAL POLARIZATION STATES USING TWO STATISTICAL MODELS,
N66-10957 20N U 41 08 HC$ 3.00 MF$ 0.50

SURFACES, SEMICONDUCTORS
OBSERVATIONS OF 'CLEAN' SURFACES OF SI, GE, AND GAAS BY LOW-ENERGY ELECTRON DIFFRACTION,
AD-629 298 20L T 66 08

SURFACE-ACTIVE SUBSTANCES, PREPARATION
WETTING AGENTS AND SURFACE ACTIVE COMPOSITIONS THEREFROM.
PATENT 3,219,584 11K U 41 07

SURGICAL SUPPLIES, TANTALUM
THE MECHANICAL TANTALUM SUTURE IN GASTRIC RESECTIONS,
AD-628 047 6L T 66 07 HC$ 3.00 MF$ 0.75

SURVIVAL KITS, DESIGN
CNU-1/P SUSTENANCE KIT MODIFICATION (T-33).
AD-629 347 6G T 66 08 HC$ 1.60 MF$ 0.50

SURVIVAL, ARCTIC REGIONS
AMELIORATIVE MEASURES IN FASTING, SUBARCTIC SURVIVAL SITUATIONS.
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50

A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

SUS PENSION DEVICES, OSCILLATION
NONLINEAR OSCILLATIONS OF A GYROSCOPIC PENDULUM WITH AN OSCILLATING POINT OF SUSPENSION,
AD-629 568 20K T 66 08

SUSPENSION DEVICES, WIND TUNNEL MODELS
METHODS OF CONTROLLING THE ROLL DEGREE OF FREEDOM IN A WIND TUNNEL MAGNETIC BALANCE. PART I. PRODUCTION OF ROLLING MOMENTS.
AD-628 570 14B T 66 07 HC$ 4.60 MF$ 0.50

SWAMPS, TRAFFICABILITY
CHARACTERISTICS OF U. S. RICE FIELDS AND THEIR EFFECTS ON GROUND MOBILITY.
AD-628 734 8M T 66 07 MF$ 1.00

TRAFFICABILITY TESTS ON CONFINED ORGANIC TERRAIN (MUSKEG). SUMMER 1962 TESTS.
AD-629 522 13F T 66 08 MF$ 1.00

SWEAT GLANDS, GALVANIC SKIN RESPONSE
ECCRINE SWEAT GLAND ACTIVITY AND RACIAL DIFFERENCES IN RESTING SKIN CONDUCTANCE,
AD-628 752 6E T 66 07

SWEDEN, COMMERCE
SWEDEN.
PB-169 276 5C U 41 07 HC$ 6.00 MF$ 1.25

SWITCHING CIRCUITS, AIRCRAFT EQUIPMENT
INVESTIGATION OF CONTACTLESS SWITCHING CONCEPTS FOR APPLICATION TO AIRCRAFT ELECTRICAL SYSTEMS. VOLUME VI. FLIGHT TEST EVALUATION OF A PROTOTYPE CONTACTLESS SWITCHING SYSTEM.
AD-628 581 1C T 66 07 HC$11.60 MF$ 0.75

SWITCHING CIRCUITS, RECORDING SYSTEMS
SIMPLE SWITCHING CIRCUIT THAT KEEPS RECORDER ON SCALE,
AD-629 140 14C T 66 08

SWITCHING CIRCUITS, RELIABILITY
RELIABLE SOLID-STATE CIRCUITS.
N66-11799 9E U 41 08 HC$ 3.00 MF$ 0.75

SWITZERLAND, COMMERCE
SWITZERLAND.
PB-169 265 5C U 41 07 HC$ 6.00 MF$ 1.25

SYMMETRY(CRYSTALLOGRAPHY), HARMONIC ANALYSIS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

SYMPOSIA, FOOD
A CONFERENCE ON SUBLIMATION DRYING OF FOOD PRODUCTS,
AD-628 429 6H T 66 07 HC$ 1.00 MF$ 0.50

SYMPOSIA, GEOGRAPHY
CHRONICLE: ALL UNION CONFERENCE ON LANDSCAPING IN ALMA-ATA (6TH),
AD-628 533 8F T 66 07 HC$ 1.00 MF$ 0.50

SYNTAX, PROGRAMMING LANGUAGES
NUMBERED-LINE SYNTACTIC DESCRIPTION OF JOVIAL (J3),
AD-628 212 9B T 66 07 HC$ 1.00 MF$ 0.50

SYNTAX, TRANSFORMATIONAL GRAMMARS
THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS,
AD-629 455 5G T 66 08

SYNTHETIC RUBBER, ADDITIVES
VINYL CHLORIDE RESINS AND BUTADIENE RUBBERS WITH N-ACYL DERIVATIVES OF CYCLIC IMINES.
PATENT 3,219,612 11I U 41 07

N-OLEOYL-2-ETHYLETHYLENIMINE.
PATENT 3,219,659 11I U 41 07

SYSTEMS ENGINEERING, DECISION MAKING
EXPERIMENTS ON SYSTEMS.
AD-628 558 5H T 66 07

SYSTEMS ENGINEERING, GAME THEORY
APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF SYSTEMS WITH OPTIMAL CONTROLLER STRUCTURES,
AD-628 296 12B T 66 07 HC$ 1.60 MF$ 0.50

SYSTEMS ENGINEERING, LOGISTICS
PROCEEDINGS OF THE NMSE SYSTEMS PERFORMANCE EFFECTIVENESS CONFERENCE, CIVIL SERVICE COMMISSION AUDITORIUM, WASHINGTON, D. C., 27-28 APRIL 1965,
AD-629 145 15E T 66 08 HC$24.60 MF$ 1.25

SYSTEMS ENGINEERING, RELIABILITY
ESTIMATING MEAN RELIABILITY GROWTH.
AD-629 381 14D T 66 08 HC$ 2.00 MF$ 0.50

SYSTEMS ENGINEERING, SYMPOSIA
SYSTEMS ENGINEERING IN CERAMICS.
AD-629 307 11B T 66 08 MF$ 1.00

S-HETEROCYCLIC COMPOUNDS, SYNTHESIS (CHEMISTRY)
2,3-DIPHENYLVINYLENE SULFONE,
AD-628 659 7C T 66 07

TABLES, AERODYNAMICS
SUPERSONIC FLOW ABOUT RIGHT CIRCULAR CONES AT ZERO YAW IN AIR AT THERMODYNAMIC EQUILIBRIUM. PART II. TABLES OF DATA,
AD-628 539 20D T 66 07 HC$11.25 MF$ 3.00

TABLES, TIME-LAG THEORY
TABLES OF BEST TCHEBYCHEFF APPROXIMANTS FOR TIME-DELAY SIMULATION,
AD-628 219 12B T 66 07 HC$ 2.00 MF$ 0.50

TACTICAL WARFARE, ARMY TRAINING
DEVELOPMENT OF IMPROVED RIFLE SQUAD TACTICAL AND PATROLLING PROGRAMS FOR THE LIGHT WEAPONS INFANTRYMAN.
AD-628 667 15G T 66 07 HC$12.60 MF$ 0.75

TANGANYIKA, COMMERCE
EAST AFRICA (COMMON CUSTOMS AND EXCISE SERVICE).
PB-169 271 5C U 41 07 HC$ 2.00 MF$ 0.50

TANKS(CONTAINERS), FLUID MECHANICS
SUBHARMONIC OSCILLATIONS IN AN ARBITRARY AXISYMMETRIC TANK RESULTING FROM AXIAL EXCITATION.
N66-12190 20D U 41 08 HC$ 3.00 MF$ 0.75

TANTALUM CAPACITORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR CAPACITORS, FEED-THROUGH, SOLID ELECTROLYTE TANTALUM PELLET,
AD-629 199 9A T 66 08 HC$ 1.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR IMPROVED RELIABILITY OF HERMETICALLY SEALED TANTALUM FOIL CAPACITORS.
AD-629 385 9A T 66 08 HC$ 1.00 MF$ 0.50

TANTALUM COMPOUNDS, HALL EFFECT
HALL COEFFICIENT OF TANTALUM CARBIDE AS FUNCTION OF CARBON CONTENT,
N66-12145 20L U 41 08 HC$ 1.00 MF$ 0.50

TARGET ACQUISITION, AIRCRAFT
HUMAN FACTORS RESEARCH ON AIRCRAFT ARMAMENT,
AD-629 452 17H T 66 08 HC$ 1.10 MF$ 0.50

TARGET DISCRIMINATION, ACOUSTIC TORPEDOES
TARGET ANGLE DISCRIMINATOR FOR DIRECTIONALLY SENSITIVE WAVE ENERGY RECEIVERS.

PATENT 3,221,693 19H U 41 07

TARGET RECOGNITION, BIONICS
EXPERIMENTAL STUDIES ON TARGET DETECTION, EVALUATION AND INTERCEPTION BY ECHOLOCATING BATS.
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75

TARGET RECOGNITION, VISUAL PERCEPTION
A STUDY OF VISUAL SEARCH USING EYE MOVEMENT RECORDINGS.
AD-629 624 6P T 66 08 HC$ 3.00 MF$ 0.75

TARGETS, DETECTION
HUMAN FACTORS RESEARCH ON AIRCRAFT ARMAMENT.
AD-629 452 17H T 66 08 HC$ 1.10 MF$ 0.50

TEACHING MACHINES, OFFICE EQUIPMENT + SUPPLIES
RUSSIAN STENOTYPE EQUIPMENT. VOLUME III. RUSSIAN STENOTYPE TRAINING AND EVALUATION MACHINE.
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50

TEACHING METHODS, OFFICE EQUIPMENT + SUPPLIES
RUSSIAN STENOTYPE EQUIPMENT. VOLUME IV. INSTRUCTOR'S TRAINING MANUAL FOR RUSSIAN STENOTYPE.
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75

TECHNETIUM, MICROSTRUCTURE
A STUDY OF TUNGSTEN-TECHNETIUM ALLOYS.
N66-10634 11F U 41 08 HC$ 1.00 MF$ 0.50

TECHNICAL INFORMATION CENTERS, FEASIBILITY STUDIES
A SERIALS DATA PROGRAM FOR SCIENCE AND TECHNOLOGY. RESULTS OF A FEASIBILITY STUDY.
PB-169 405 5B U 41 08 HC$ 5.00 MF$ 1.00

TECHNICAL INFORMATION CENTERS, DIREC TORIES
DIRECTORY OF DEPARTMENT OF DEFENSE INFORMATION ANALYSIS CENTERS.
AD-628 895 5B T 66 08 MF$ 0.50

TEETH, DISEASES
GLUCOSE TOLERANCE RESPONSES IN YOUNG ADULTS OF SHARPLY CONTRASTING PERIODONTAL STATUS.
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50

TEETH, PROTECTIVE TREATMENTS
PROTECTIVE PERFORMANCE OF STANNOUS FLUORIDE-ZIRCONIUM SILICATE PROPHYLAXIS PASTES.
AD-629 738 6E T 66 08 HC$ 1.60 MF$ 0.50

TELEMETER SYSTEMS, OPTIMIZATION
DOUBLE-RECEPTION DISCRETE DATA OPTIMUM CONTINUOUS SIGNAL RECOVERY.
N65-17278 9F U 41 07 HC$ 2.00 MF$ 0.50

TELEMETER SYSTEMS, SPACECRAFT
A FEASIBILITY STUDY OF A COMMUNICATIONS SATELLITE FOR DEEP-SPACE MONITORING.
N66-13020 22B U 41 07 HC$ 2.00 MF$ 0.50

TELEVISION COMMUNICATION SYSTEMS, MOON
LUNAR COMMUNICATIONS,
N65-14540 17B U 41 07 HC$ 2.00 MF$ 0.50

TELEVISION DISPLAY SYSTEMS, SCANNING
A PHOSPHOR-BELT DISPLAY SYSTEM FOR PROVIDING AN ENDLESS RASTER LINE SCAN,
AD-265 898 17B U 41 08 HC$ 1.00

TELEVISION DISPLAY SYSTEMS, FLIGHT INSTRUMENTS
SIMULATION STUDIES OF AN INTEGRATED ELECTRONIC VERTICAL DISPLAY.
AD-629 157 1D T 66 08 HC$ 9.60 MF$ 0.75

TELEVISION DISPLAY SYSTEMS, FLIGHT SIMULATORS
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME II. EVALUATION OF TELEVISION SYSTEMS.
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00

TELEVISION EQUIPMENT, SUBMARINES
SUBMARINE ILLUMINATION AND TELEVISION IN HARBOR WATER.
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75

TELLURIC CURRENTS, GEOPHYSICAL PROS PECTING
AN INVESTIGATION OF THE MAGNETOTELLURIC METHOD FOR DETERMINING SUBSURFACE RESISTIVITIES,
AD-629 071 8G T 66 08 HC$ 4.00 MF$ 0.75

TELLURIUM, PHASE STUDIES
THE PHASE EQUILIBRIA AND CRYSTAL CHEMISTRY OF THE RARE EARTH GROUP VI SYSTEMS. III. NEODYMIUM-TELLURIUM,
AD-628 455 20L T 66 07

TELLURIUM, RESISTANCE(ELECTRICAL)
NEGATIVE MAGNETORESISTANCE IN TELLURIUM,
AD-629 508 20L T 66 08

TEM PERATURE SENSITIVE ELEMENTS, DIAMONDS
METHOD OF MEASURING THE TEMPERATURE OF OBJECTS OF DIFFICULT ACCESS AT TIME OF OPERATION,
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50

TEMPERATURE, ELECTROCORDIOGRAPHY
THE EFFECTS OF ENVIRONMENTAL TEMPERATURE CHANGES ON THE EKG OF THE SQUIRREL MONKEY / SAIMIRI SCIUREUS/,
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50

TEMPERATURE, MEASUREMENT
METHOD OF MEASURING THE TEMPERATURE OF OBJECTS OF DIFFICULT ACCESS AT TIME OF OPERATION,
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50

TEMPERATURE, STRATOSPHERE
STRATOSPHERIC TEMPERATURE VARIATIONS, 25 TO 55 KILOMETERS, AT LATITUDE 15 DEGREES N.
AD-628 903 4B T 66 08

TEMPERATURE, TOXINS + ANTITOXINS
THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON LETHALITY OF ENDOTOXIN AND ITS EFFECT ON BODY TEMPERATURE IN MICE.
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50

TENDERS(VESSELS), PROPULSION
LONGITUDINAL VIBRATION OF PROPULSION SYSTEM ON USS SIMON LAKE (AS-33).
AD-629 273 13J T 66 08 HC$ 3.60 MF$ 0.50

TENSILE PROPERTIES, MOLDING MATERIALS
AN INVESTIGATION OF THERMAL AND MECHANICAL STABILITY OF MOLD MATERIALS FOR STEEL CASTINGS.
AD-628 387 11F T 66 07 HC$ 4.60 MF$ 0.50

TENSOR ANALYSIS, BACKSCATTERING
SCATTERING OF ELECTROMAGNETIC WAVES IN A SPINOR FORMALISM,
AD-628 616 20N T 66 07 HC$ 2.60 MF$ 0.50

TENSOR ANALYSIS, FIELD THEORY
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE II: NORMED NULL BASES,
AD-628 329 20J T 66 07 HC$ 4.60 MF$ 0.50

THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE I: GENERAL THEORY,
AD-628 330 20J T 66 07 HC$ 3.60 MF$ 0.50

TERMINAL FLIGHT FACILITIES, WEATHER FORECASTING
SUMMARY OF SHORT-PERIOD TERMINAL WEATHER INFORMATION STUDIES.
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75

TERRAIN MODELS, MOON
LUNAR RELIEF MODELS,
AD-628 832 3B T 66 07 HC$ 2.00 MF$ 0.50

A GEOLOGICAL MODEL OF MARE HUMORUM.
AD-629 116 3A T 66 08

TERRAIN, PHOTOGRAPHIC ANALYSIS
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA.
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

TERRESTRIAL MAGNETISM, IONOSPHERE
IDEALISED PROBLEMS CONCERNING THE MOTION OF CYLINDRICAL PLASMA SHEETS IN A MAGNETIC FIELD, WITH APPLICATIONS OF GEOPHYSICAL INTEREST,
AD-628 320 8N T 66 07 HC$ 2.00 MF$ 0.50

TERRESTRIAL MAGNETISM, LITHOSPHERE
GEOMAGNETIC FIELD INVERSION (REVERSAL) IN THE LOWER DEVONIAN,
AD-628 786 8N T 66 07 HC$ 1.60 MF$ 0.50

A PROVEN CASE OF GEOMAGNETIC FIELD INVERSION,
AD-628 787 8N T 66 07 HC$ 1.10 MF$ 0.50

TERRESTRIAL MAGNETISM, OSCILLATION
SOME SPECTRAL CHARACTERISTICS OF GEOMAGNETIC VIBRATIONS.
AD-629 087 8N T 66 08 HC$14.60 MF$ 1.00

TERRESTRIAL MAGNETISM, RADIOFREQUENCY INTERFERENCE
RADIO FADING AND THE NATURAL ELECTROMAGNETIC BACKGROUND,
AD-629 319 20N T 66 08

TERRESTRIAL MAGNETISM, UPPER ATMOSPHERE
OBSERVATIONS OF MAGNETOSPHERIC BOUNDARY PHENOMENA,
N66-12988 20H U 41 08 HC$ 3.00 MF$ 0.50

TERRESTRIAL MAGNETISM, UPPER AT MOSPHERE
EQUATORIAL TRANSMISSION OF GEOMAGNETIC MICROPULSATIONS THROUGH THE IONOSPHERE AND LOWER EXOSPHERE,
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50

TEST EQUIPMENT, SHOCK WAVES
THE EFFECTS UPON SHOCK MEASUREMENTS OF LIMITED FREQUENCY RESPONSE INSTRUMENTATION,
N66-12191 14B U 41 08 HC$ 2.00 MF$ 0.50

TEST CONSTRUC TION(PSYCHOLOGY), RELIABILITY
A PROCEDURE FOR REDUCING THE EFFECTS OF SLANTING QUESTIONNAIRE RESPONSES TOWARD SOCIAL ACCEPTABILITY.
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50

TEST EQUIPMENT(ELECTRONICS), FREQUENCY
MEASUREMENT OF FREQUENCY DEVIATION,
AD-628 415 14B T 66 07 HC$ 1.00 MF$ 0.50

TEST EQUIPMENT, ELECTRIC CABLES
MULTIPLE CONDUCTOR CABLE TESTER HAVING ROTATABLE ANNULAR SWITCH MEANS FOR TEST- ING INSULATION RESISTANCE, CROSS WIRING AND CONTINUITY.
PATENT 3,217,244 9C U 41 07

TEST EQUIPMENT, EXPLOSIVE MATERIALS
FRICTION PENDULUM.
AD-628 958 19A T 66 08 HC$ 1.60 MF$ 0.50

TEST EQUIPMENT, FLUID FLOW
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART II. EQUIPMENT FOR DETERMINING FLOW BEHAVIOR.
AD-628 686 20D T 66 07 HC$ 2.00 MF$ 0.50

TEST EQUIPMENT, LOADING(MECHANICS)
SIMULATION DEVICES FOR USE IN STUDIES OF PROTECTIVE CONSTRUCTION.
AD-629 607 18F T 66 08 HC$ 6.00 MF$ 1.25

TEST EQUIPMENT, RADOMES
MEASUREMENT OF ELECTRICAL PROPERTIES OF HIGH TEMPERATURE RADOME MATERIALS BY MEANS OF THE XB 3000A DIELECTROMETER.
AD-629 454 17I T 66 08 HC$ 4.00 MF$ 1.00

TEST FACILITIES, ANECHOIC CHAMBERS
ACOUSTIC TRANSDUCER EVALUATION CENTER (TRANSDEC). NONREVERBERATING POOL DEVELOPED AT NEL FOR CALIBRATION AND EVALUATION.
AD-449 746 14B U 41 07 HC$ 2.00

TEST FACILITIES, CALIBRATION
SANDIA CORPORATION (ORGANIZATION 7300) ENVIRONMENTAL FACILITY CALIBRATION PROCEDURES,
SC-M-64-61 14B U 41 08 HC$ 2.00 MF$ 0.50

TEST FACILITIES, PAVEMENTS
LOCKBOURNE NO. 2, MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 357 13B T 66 07 HC$ 7.60 MF$ 0.75

LOCKBOURNE TEST TRACK.
AD-628 359 13B T 66 07 HC$23.40 MF$ 1.25

TEST METHODS, ANTIFOULING COATINGS
RAPID METHODS OF TESTING ANTIFOULING PAINTS FOR OCEAN-GOING SHIPS,
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50

TEST METHODS, ULTRASONIC RADIATION
DEVELOPMENT OF CONTROLLED IMPULSE TECHNIQUE FOR IN SITU TESTING OF ROCK.
AD-628 860 8G T 66 07 HC$ 3.00 MF$ 0.75

TEST REACTORS, HEAVY WATER
CONTROL OF THE DISSOLVED GASES IN THE MODERATOR OF THE HEAVY WATER COMPONENTS TEST REACTOR,
DP-988 18I U 41 08 HC$ 2.00 MF$ 0.50

TEST VEHICLES, STRUCTURES
SURVEYOR PROJECT STATUS REPORT, 5 FEBRUARY 1965,
N66-10643 22B U 41 08 HC$ 1.00 MF$ 0.50

TEXTILES, ABRASIVE RESISTANCE
MASS, PERMEABILITY, AND THICKNESS CHANGES IN ABRADED FABRICS.
AD-629 603 11E T 66 08 HC$ 3.00 MF$ 0.75

TEXTILES, ADDITIVES
WATER SOLUBLE CARBAMATE-FORMALDEHYDE CONDENSATE.
PATENT 3,219,632 11E U 41 07

BISCARBAMATE-FORMALDEHYDE ADDUCTS.
PATENT 3,226,428 11F U 41 08

TEXTILES, PROCESSING
PROCESS FOR CROSS-LINKING CELLULOSE WITH FORMALDEHYDE ADDUCTS OF DIVINYL SULFONE.
PATENT 3,219,708 11E U 41 08

THALAMUS, ELECTROPHYSIOLOGY
REGISTRAZIONE MICROELETTRODICA DI RISPOSTE LENTE IMPTALAMICHE EVOCATE DA STIMOLI SENSITIVI (MICROELECTRODE RECORDING OF SLOW HYPOTHALAMIC EVOKED RESPONSES TO SENSORY STIMULI),
AD-629 279 6P T 66 08

CONTRIBUTION OF LOCAL ACTIVITY AND ELECTRIC SPREAD TO SOMATICALLY EVOKED POTENTIALS IN DIFFERENT AREAS OF THE HYPOTHALAMUS,
AD-629 280 6P T 66 08

THALAMUS, STIMULATION
RESPONSES OF MONKEY THALAMUS TO SOMATIC STIMULI UNDER CHLORALOSE ANAESTHESIA,
AD-628 368 6P T 66 07

THALLIUM COMPOUNDS, PHOTOLYSIS
PHOTODISSOCIATION OF THALLIUM BROMIDE AND CESIUM BROMIDE,
AD-629 160 7E T 66 08

THEODOLITES, CALIBRATION
DETERMINATION OF SIGHTING ERRORS THROUGH VARIATION OF COLOR AND FORM OF THE SIGHTING MARKS,
AD-628 332 20F T 66 07 HC$ 1.00 MF$ 0.50

THEOREMS, ALGORITHMS
THEOREM-PROVING BY COMPUTER.
AD-628 319 9B T 66 07 HC$ 3.60 MF$ 0.50

THEOREMS, CODING
THE SARDINAS/PATTERSON AND LEVENSHTEIN THEOREMS,
AD-629 539 9D T 66 08 HC$ 2.00 MF$ 0.50

THEOREMS, CONTROL SYSTEMS
ON CONTROL SYSTEM EQUIVALENTS OF SOME DECISION THEORETIC THEOREMS,
AD-628 265 A12B,T 66 07

THEOREMS, FUNCTIONS
A THEOREM ON FUNCTIONS OF CHARACTERISTIC FUNCTIONS AND ITS APPLICATION TO SOME RENEWAL THEORETIC RANDOM WALK PROBLEMS.
AD-628 164 12A T 66 07 HC$ 3.00 MF$ 0.75

THEOREMS, POWER SERIES
A PICARDESQUE THEOREM FOR FORMAL POWER SERIES,
AD-629 591 12A T 66 08

THEOREMS, STOCHASTIC PROCESSES
STOCHASTIC POINT PROCESSES: LIMIT THEOREMS.
AD-629 525 12A T 66 08 HC$ 5.60 MF$ 0.50

THEOREMS, THERMODYNAMICS
ON BOLTZMANN'S H-THEOREM,
AD-629 536 20M T 66 08

THEOREM, NONLINEAR PROGRAMMING
A GENERALIZATION OF A THEOREM OF EDMUND EISENBERG.
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50

THERMAL DIFFUSION, RODS
INVARIANT IMBEDDING AND THE SOLUTION OF DIFFUSION EQUATIONS,
AD-629 169 20M T 66 08 HC$ 1.60 MF$ 0.50

THERMAL EXPANSION, LOW-TEMPERATURE RESEARCH
THERMAL EXPANSION OF GERMANIUM AND SILICON AT LOW TEMPERATURES,
AD-628 423 20M T 66 07

THERMAL EXPANSION, MAGNETIC MATERIALS
THERMAL EXPANSION OF MAGNETIC METALS AT LOW TEMPERATURES,
AD-629 558 20L T 66 08

THERMAL NEUTRONS, MONITORS
B10/B11 THERMISTOR PAIRS AND THEIR APPLICATION,
AD-629 523 20H T 66 08

THERMAL NEUTRONS, REACTOR LATTICE PARAMETERS
THE ARGONNE-REVISED THERMOS CODE,
ANL-7023 9B U 41 08 HC$ 4.00 MF$ 0.75

THERMAL NEUTRONS, REACTOR SHIELDING MATERIALS
BORONATED GRAPHITE IRRADIATION STUDIES SUMMARY REPORT OF THERMAL-NEUTRON-SHIELDED EXPERIMENTS CONDUCTED IN THE ETR,
BNWL-161 18F U 41 08 HC$ 1.00 MF$ 0.50

THERMAL NEUTRONS, UNDERGROUND EXPLOSIONS
THERMAL NEUTRON SPECTRA FROM AN UNDERGROUND NUCLEAR EXPLOSION WITH SPECIAL CONSIDERATION OF SPECTRAL MODIFICATION DUE TO BOMB DEBRIS MOTION,
LA-3403 18C U 41 08 HC$ 3.00 MF$ 0.50

THERMAL PROPERTIES, MATERIALS
THERMOELASTICITY WHEN THE MATERIAL COUPLING PARAMETER EQUALS UNITY,
AD-628 258 20K T 66 07

THERMAL PROPERTIES, MEASUREMENT
PROCEDURES FOR PRECISE DETERMINATION OF THERMAL RADIATION PROPERTIES, NOVEMBER 1963 TO OCTOBER 1964.
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75

THERMAL PROPERTIES, MODULATORS
OPTICAL MISALIGNMENT DUE TO TEMPERATURE GRADIENTS IN ELECTROOPTIC MODULATOR CRYSTALS,
AD-628 607 20E T 66 07

THERMAL PROPERTIES, STARS
NEUTRON STARS. I. PROPERTIES AT ABSOLUTE ZERO TEMPERATURE,
AD-628 459 3B T 66 07

THERMAL RADIATION, COOLING
TRANSIENT COOLING OF A SPHERICAL MASS OF HIGH-TEMPERATURE GAS BY THERMAL RADIATION,
AD-629 420 20M T 66 08

THERMAL RADIATION, HYPERSONIC FLOW
HIGH SPEED VISCOUS, REACTING AND RADIATING FLOWS.
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50

THERMAL RADIATION, MEASUREMENT
ERROR ANALYSIS ON INVERSION TECHNIQUES.
N65-25012 4A U 41 07 HC$ 2.00 MF$ 0.50

THERMAL RADIATION, MEDICAL RESEARCH
A THERMAL RADIATION HEAT SOURCE AND IMAGING SYSTEM FOR BIOMEDICAL RESEARCH,
AD-629 590 14B T 66 08 HC$ 2.00 MF$ 0.50

THERMAL RADIATION, SUPERFLUIDITY
ON THE DETECTION OF SECOND SOUND IN CRYSTALS BY LIGHT SCATTERING,
AD-629 175 20A T 66 08

THERMAL REACTORS, REACTOR FUELS
FUEL CONSERVATION INDEXES FOR THERMAL REACTORS,
HW-79287 18I U 41 07 HC$ 3.00 MF$ 0.75

THERMAL STABILITY, POLYMERS
AN EXPLORATORY STUDY OF A NEW CLASS OF STEPLADDER AND LADDER POLYMERS, POLYIMIDAZOPYRROLONES.
N66-12530 7C U 41 07 HC$ 1.00 MF$ 0.50

THERMAL STRESSES, HUMANS
BEHAVIOR OF SERUM LACTIC DEHYDROGENASE IN MEN EXPOSED TO BRIEF, INTENSE THERMAL IMPULSES,
AD-628 567 6S T 66 07

THERMISTORS, BORON
B10/B11 THERMISTOR PAIRS AND THEIR APPLICATION,
AD-629 523 20H T 66 08

THERMISTORS, HIGH ALTITUDE
STUDY FOR IMPROVEMENTS OF TEMPERATURE MEASUREMENTS WITH THERMISTORS IN HIGH ALTITUDES.
AD-629 653 14B T 66 08 HC$ 1.60 MF$ 0.50

THERMO DYNAMICS, ANEMOMETERS

TURBULENCE MEASUREMENTS WITH INCLINED HOT-WIRES,
AD-629 719 20M T 66 08 HC$ 5.00 MF$ 1.00

THERMO DYNAMICS, FLUIDS
AN INVESTIGATION OF INSTABILITIES ENCOUNTERED DURING HEAT TRANSFER TO A SUPERCRITICAL FLUID,
ANL-7032 20M U 41 08 HC$ 3.00 MF$ 0.75

THERMOCHEMISTRY, CHEMICAL REAC TIONS
THERMODYNAMICS OF CHEMICAL COUPLING,
AD-629 249 7D T 66 08

THERMOCHEMISTRY, LEAD COMPOUNDS
ELECTRONIC COMMUTATOR DETERMINATION OF E OF FORMATION AND RELATED THERMODYNAMIC QUANTITIES FOR MOLTEN LEAD CHLORIDE,
AD-628 269 7D T 66 07

THERMOCHEMISTRY, NUCLEAR EXPLOSIONS
PULSED REACTOR SIMULATION OF UNDERWATER NUCLEAR DETONATIONS-THERMAL ANALYSIS,
AD-629 404 18C T 66 08 HC$ 3.60 MF$ 0.50

THERMOCOUPLES, HEAT TRANSFER
FLEXIBLE COLD SIDE FOR THERMOELECTRIC MODULE,
PATENT 3,221,508 13A U 41 07

THERMODYNAMICS, COMPLEX COMPOUNDS
THE THERMODYNAMICS AND KINETICS OF COORDINATION COMPOUNDS,
TID-21660 7C U 41 07 HC$ 3.00 MF$ 0.75

THERMODYNAMICS, CRYSTALS
TEMPERATURE FACTORS AND THERMODYNAMIC PROPERTIES OF CRYSTALS,
AD-629 745 20B T 66 08

THERMODYNAMICS, GASES
THEORETICAL RESEARCH ON THERMODYNAMIC AND TRANSPORT PROPERTIES OF GASES AT HIGH TEMPERATURES,
AD-628 911 20I T 66 08 HC$ 1.00 MF$ 0.50

THERMODYNAMICS, PARTIAL DIFFERENTIAL EQUATIONS
THE RADIAL HEAT EQUATION AND LAPLACE TRANSFORMS,
N66-12254 20M U 41 07 HC$ 1.00 MF$ 0.50

THERMODYNAMICS, PLANETARY ATMOSPHERES
EQUILIBRIUM THERMODYNAMIC PROPERTIES OF THREE ENGINEERING MODELS OF THE MARTIAN ATMOSPHERE,
N65-35792 3B U 41 07 HC$ 2.50 MF$ 1.00

THERMODYNAMICS, PLASMA MEDIUM
THERMODYNAMIC PROPERTIES OF AN ELECTRON PLASMA,
AD-628 317 20I T 66 07 HC$ 3.60 MF$ 0.50

THERMODYNAMICS, PLASMA PHYSICS
THERMODYNAMICS OF A MHD-PLASMA WITH INFINITE ELECTRICAL CONDUCTIVITY,
AD-629 262 20I T 66 08

THERMODYNAMICS, REFRACTORY MATERIALS
DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF SOME REFRACTORY METAL OXIDES,
AD-629 490 11B T 66 08

THERMODYNAMICS, URANIUM COMPOUNDS
A THERMODYNAMIC STUDY OF THE URANIA -URANIUM SYSTEM,
ANL-7048 7B U 41 08 HC$ 2.00 MF$ 0.50

THERMODYNAMICS, ZIRCONIUM COMPOUNDS
THERMODYNAMIC AND ELECTROCHEMICAL PROPERTIES OF ZIRCONIUM CHLORIDES IN ALKALI CHLORIDE MELTS,
AD-628 251 7D T 66 07

THERMOELEC TRICITY, OXIDES
ELECTRICAL PROPERTIES OF TRANSITION METAL OXIDES UP TO 1800C,
AD-628 321 20L T 66 07 HC$ 3.00 MF$ 0.75

THERMOELECTRICITY, BISMUTH
GALVANO-THERMOMAGNETIC PHENOMENA AND THE FIGURE OF MERIT IN BISMUTH, II. SURVEY OF EXPERIMENTAL DATA AND CALCULATION OF DEVICE PARAMETERS,
AD-628 559 10B T 66 07

THERMOELECTRICITY, BUOYS
100 WATT THERMOELECTRIC POWER SYSTEM FOR BUOY APPLICATIONS,
AD-629 006 10B T 66 08 HC$ 1.00 MF$ 0.50

THERMOELECTRICITY, HEAT TRANSFER
FLEXIBLE COLD SIDE FOR THERMOELECTRIC MODULE,
PATENT 3,221,508 13A U 41 07

THERMONUCLEAR REACTIONS, PLASMA PHYSICS
SEMIANNUAL STATUS REPORT OF THE LASL CONTROLLED THERMONUCLEAR RESEARCH PROGRAM FOR PERIOD ENDING OCTOBER 31, 1965,
LA-3434 18A U 41 07 HC$ 3.00 MF$ 0.75

THERMONUCLEAR REACTIONS, NUCLEAR ENGINEERING
PROCEEDINGS OF THE 1965 SYMPOSIUM ON ENGINEERING PROBLEMS OF CONTROLLED THERMONUCLEAR RESEARCH, MAY 4-7, 1965,
CONF-650512 18A U 41 08 HC$ 6.00 MF$ 1.25

THERMONUCLEAR REACTIONS, TEST EQUIPMENT
ELECTRICAL CHARACTERISTICS OF COAXIAL CABLE,
LA-3318 9A U 41 08 HC$ 1.00 MF$ 0.50

THIN FILMS(STORAGE DEVICES), CONDUCTIVITY
COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN, PART I AND CONDUCTION PROCESSES IN THIN FILMS, PART II,
N65-17524 9A U 41 07 HC$ 3.00 MF$ 0.50

THIOCYANATES, MOLECULAR ROTATION
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE,
AD-628 862 7D T 66 07

THIOLS, EMBRYOLOGY
GROUPES SULFHYDRILES ET MORPHOGENESE, I. EFFETS DU BETA-MERCAPTOETHANOL, DE L'ACIDE ALPHA-LIPOIQUE, DE L'ACIDE ADENOSINETRIPHOSPHORIQUE ET DE L'OXALOACETATE SUR LE DEVELOPPEMENT EMBRYONNAIRE DES BATRACIENS (SULFHYDRYL GROUP AND MORPHOGENESIS, I. EFFECTS OF BETA-MERCAPTOETHANOL, ALPHA-LIPIOC ACID, ATP, AND OXALOACETATE ON EMBRYONIC DEVELOPMENT IN AMPHIBIANS),
AD-629 461 6C T 66 08

THIOLS, SYNTHESIS (CHEMISTRY)
THE SYNTHESIS OF ALKYLAMINOETHANETHIOLS SUBSTITUTED WITH HETEROCYCLIC MOIETIES AND THEIR DERIVATIVES,
AD-628 069 7C T 66 07 HC$ 3.00 MF$ 0.75

THORIUM, REFINING(METALLURGY)
PROCESS OF PREPARING THORIUM METAL FROM THE OXIDE,
PATENT 3,219,441 11F U 41 07

THORIUM, RESONANCE ABSORPTION
NONUNIFORM TEMPERATURE EFFECTS ON THORIUM RESONANCE ABSORPTION,
BAW-3125-2 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-3 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-4 18K U 41 07 HC$ 3.00 MF$ 0.75

THREE DIMENSIONAL FLOW, PROGRAMMING (COMPUTERS)
THREE DIMENSIONAL POTENTIAL FLOW, COMPUTER PROGRAM,
PB-169 328 R 9B,U 41 07 HC$47.00

THREE-DIMENSIONAL FLOW, MATHE MATICAL ANALYSIS
THE CALCULATION OF ANOMALIES VXZ OF THREE-DIMENSIONAL BODIES WITH A PALETTE OF A TWO-DIMENSIONAL BODY,
AD-628 417 20D T 66 07 HC$ 1.00 MF$ 0.50

THREE-DIMENSIONAL FLOW, MATHEMATICAL ANALYSIS
THE CALCULATIONS OF THE ANOMALIES OF V SUB DELTA FOR THREE-DIMENSIONAL BODIES BY A 'PALETTE' OF A TWO-DIMENSIONAL BODY,
AD-628 416 20D T 66 07 HC$ 1.00 MF$ 0.50

THRESHOLDS(PHYSIOLOGY), MATHE MATICAL ANALYSIS
PSYCHOPHYSICAL METHODOLOGY I. COMPARISON OF THRESHOLDS OF THE METHOD OF LIMITS AND OF THE METHOD OF CONSTANT STIMULI,
AD-628 994 5J T 66 08 HC$ 1.60 MF$ 0.50

THRESHOLDS(PHYSIOLOGY), MATHEMATICAL ANALYSIS
PSYCHOPHYSICAL METHODOLOGY II. COMPARISON OF MEANS AND OF STANDARD DEVIATIONS OF THE ASCENDING AND DESCENDING METHOD OF LIMITS,
AD-628 995 5J T 66 08 HC$ 1.60 MF$ 0.50

THRUST BEARINGS, DEFORMATION
DISTORTION OF GAS THRUST BEARING DUE TO VISCOUS SHEAR,
AD-629 038 13I T 66 08 HC$ 2.00 MF$ 0.50

THRUST VECTOR CONTROL SYSTEMS, LAUNCH VEHICLES(AEROSPACE)
OPTIMIZATION OF HYDRAULIC THRUST VECTOR CONTROL SYSTEMS FOR LAUNCH VEHICLES, VOLUME III, SECTION 2,
N66-12611 22D U 41 08 HC$ 8.45 MF$ 2.25

THRUST, NOZZLES
THRUST COEFFICIENTS OF LOW-THRUST NOZZLES,
N65-36896 21H U 41 07 HC$ 2.00 MF$ 0.50

THRUST, OPTIMIZATION
GODDARD PROBLEM WITH BOUNDED THRUST,
AD-629 261 19G T 66 08

THUNDERSTORMS, RADAR ECHO AREAS
SPECIAL FEATURES OF THE RADAR CHARACTERISTICS OF THUNDERSTORM CLOUDS,
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50

THUNDERSTORMS, RADAR SCANNING
METHODS FOR IDENTIFYING SEVERE THUNDERSTORMS BY RADAR: A GUIDE AND BIBLIOGRAPHY,
AD-629 118 4B T 66 08

THYMUS, LYMPHOCYTES
THE EFFECT OF X-RADIATION ON THE CELL SIZE DISTRIBUTION OF THYMUS LYMPHOCYTES,
AD-628 121 6R T 66 07

THYRATRONS, HYDROGEN
PRODUCTION ENGINEERING MEASURE FOR A PHASE II SUPER POWER HYDROGEN THYRATRON TUBE,
AD-629 287 9A T 66 08 HC$ 3.00 MF$ 0.75

THYROID GLAND, DISEASES
THE ASSOCIATION OF HYPERTHYROIDISM AND THYROID CANCER,
AD-628 477 6E T 66 07

TIDES, AUSTRALIA
AUSTRALIAN TIDAL FLATS,
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50

TIDES, THEORY
CAUSES OF RELATIVE SEA-LEVEL CHANGES,
AD-628 573 8C T 66 07

TIME-DELAY RELAYS, SIMULATION
TABLES OF BEST TCHEBYCHEFF APPROXIMANTS FOR TIME-DELAY SIMULATION,
AD-628 219 12B T 66 07 HC$ 2.00 MF$ 0.50

TIN COMPOUNDS, DECOMPOSITION
ORGANOMETALLIC COMPOUNDS. V. KINETICS OF PHENYLTIN CLEAVAGE BY A CHELATING AGENT.
AD-628 652 7C T 66 07

TIN COMPOUNDS, OXIDES
PHOTOELECTRONIC ANALYSIS OF IMPERFECTIONS IN GROWN STANNIC OXIDE SINGLE CRYSTALS,
AD-628 643 20B T 66 07

TIN COMPOUNDS, POLYMERIZATION
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

TIN, RADIOACTIVE ISOTOPES
PREPARATION OF HIGH SPECIFIC ACTIVITY SN125 RADIOTRACER,
PB-169 141 18B U 41 07 HC$ 1.00 MF$ 0.50

TISSUE CULTURE, TOXINS + ANTITOXINS
CYTOTOXICITY OF HUMAN SERA IN TISSUE CULTURE SYSTEMS,
AD-628 176 6T T 66 07

TISSUE EXTRACTS, CHEMICAL ANALYSIS
BIOLOGICAL ACTIVITY OF BOVINE BRAIN CONSTITUENTS.
AD-628 167 6A T 66 07

TISSUES(BIOLOGY), VIBRATION
INJURY MECHANISM OF INTERNAL ORGANS OF ANIMALS EXPOSED TO SINUSOIDAL VIBRATION.
AD-628 949 6S T 66 08

TITANATES, DIELECTRIC PROPERTIES
PRESSURE DEPENDENCE OF THE DIELECTRIC CONSTANT OF STRONTIUM TITANATE,
AD-628 606 20L T 66 07

TITANIUM ALLOYS, CASE HARDENING
NITRIDING AND CARBONITRIDING OF TITANIUM METAL AND ITS ALLOYS.
AD-629 015 13H T 66 08 HC$ 4.60 MF$ 0.50

TITANIUM ALLOYS, EXPLOSIVE FORMING
PHYSICAL AND MECHANICAL PROPERTIES OF TI-6A1-4V ALLOY SUBSEQUENT TO HIGH VELOCITY DEFORMATION.
AD-629 708 13H T 66 08 HC$ 1.00 MF$ 0.50

TITANIUM ALLOYS, FATIGUE(MECHANICS)
FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CR-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

TITANIUM ALLOYS, FEASIBILITY STUDIES
FEASIBILITY OF APPLICATION OF TITANIUM TO WIRE CABLE FABRICATION.
AD-628 070 13H T 66 07 HC$ 1.00 MF$ 0.50

TITANIUM ALLOYS, PARAMAGNETIC RESONANCE
UPPER CRITICAL FIELDS OF NB-TI ALLOYS: EVIDENCE FOR THE INFLUENCE OF PAULI PARAMAGNETISM,
AD-629 195 20L T 66 08

TITANIUM ALLOYS, STRESS CORROSION
STRESS CORROSION CRACKING OF TITANIUM ALLOYS.
N66-10876 11F U 41 08 HC$ 1.00 MF$ 0.50

TITANIUM ALLOYS, SUPERSONIC PLANES
FATIGUE BEHAVIOR OF TI-8AL-1MO-1V SHEET IN A SIMULATED WING STRUCTURE UNDER THE ENVIRONMENT OF A SUPERSONIC TRANSPORT.
N66-10606 11F U 41 07 HC$ 3.00 MF$ 0.75

TITANIUM, CASE HARDENING
NITRIDING AND CARBONITRIDING OF TITANIUM METAL AND ITS ALLOYS.
AD-629 015 13H T 66 08 HC$ 4.60 MF$ 0.50

TITANIUM, EVAPORATION
A TECHNIQUE FOR MEASURING CAPTURE COEFFICIENTS AND APPLICATION TO THE MEASUREMENT OF HYDROGEN ADSORPTION BY TITANIUM.
AD-628 380 14B T 66 07 HC$ 2.00 MF$ 0.50

TITANIUM, SYMPOSIA
METALLURGICAL ADVISORY COMMITTEE ON TITANIUM. SUMMARY OF ROUND TABLE MEETING ON SURACE TREATMENT OF TITANIUM.
AD-628 992 13H T 66 08 HC$ 1.60 MF$ 0.50

TOPOLOGY, FUNCTIONS
GENERALIZATION OF THE CONCEPT OF CONTINUOUS FUNCTION AND HOMEOMORPHISM,
AD-629 604 12A T 66 08

TOPOLOGY, GRAPHICS
A NOTE ON SOME GRAPHS RELATED TO KNOTS,
AD-629 506 12A T 66 08 HC$ 1.10 MF$ 0.50

TOPOLOGY, INVARIANCE
ON THE FLOW OUTSIDE A CLOSED INVARIANT SET: STABILITY, RELATIVE STABILITY AND SADDLE SETS,
AD-629 272 12A T 66 08

TOPOLOGY, RECURSIVE FUNCTIONS
GENERALIZED RECURRENCE IN DYNAMICAL SYSTEMS,
AD-629 269 12A T 66 08

TOPOLOGY, THEOREMS
THE DEPENDENCE OF THE SCHOENFLIES EXTENSION ON AN ACCESSORY PARAMETER (THE TOPOLOGICAL CASE),
AD-628 392 12A T 66 07

TORQUE, SPACECRAFT COMPONENTS
TORQUE REQUIREMENTS FOR ORIENTATION OF A SOLAR BRAYTON SYSTEM IN EARTH ORBIT.
N66-12157 22C U 41 07 HC$ 2.00 MF$ 0.50

TOUCH, COMMUNICATION SYSTEMS
SYMPOSIUM ON CUTANEOUS SENSITIVITY, 11-13 FEBRUARY 1960.
PB-169 173 5J U 41 07 HC$ 5.00 MF$ 1.00

TOUCH, EXPERIMENTAL DATA
EXPERIMENTS IN TACTUAL PERCEPTION,
N65-36764 5J U 41 07 HC$ 6.00 MF$ 1.25

TOXICITY, MARINE BORERS
SCREENING OF CHEMICAL TOXICITY TO MARINE BORERS.
AD-629 707 6T T 66 08 HC$ 4.00 MF$ 0.75

TOXINS + ANTITOXINS, BODY TEMPERA TURE
THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON LETHALITY OF ENDOTOXIN AND ITS EFFECT ON BODY TEMPERATURE IN MICE.
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50

TOXINS + ANTITOXINS, ESTERS
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

TRACER STUDIES, ECOLOGY
CESIUM 131 TRACER FOR YIELD DETERMINATION IN CESIUM RADIOCHEMISTRY.
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50

TRACERS(ORDNANCE), SMOKES
FEASIBILITY STUDY FOR THE DEVELOPMENT OF A SMOKE TRACER FOR AN APDS SHOT.
AD-467 449 19A U 41 08 HC$ 1.00 MF$ 0.50

TRACKED VEHICLES, MOBILITY
TRAFFICABILITY TESTS ON CONFINED ORGANIC TERRAIN (MUSKEG). SUMMER 1962 TESTS.
AD-629 522 13F T 66 08 MF$ 1.00

TRACKING SYSTEMS, AERIAL TARGETS
HUMAN FACTORS RESEARCH ON AIRCRAFT ARMAMENT.
AD-629 452 17H T 66 08 HC$ 1.10 MF$ 0.50

TRACKING, INSTRUMENTATION
A STUDY OF THE EFFECTS OF INTERFERENCE ON NARROW-BAND PHASE LOCK LOOPS.
N66-10691 17B U 41 08 HC$ 3.00 MF$ 0.75

TRACKING, PERFORMANCE(HUMAN)
UPPER EXTREMITY PROSTHETICS RESEARCH. HUMAN TRACKING. SENSORY MOTOR CONTROL. MYOELECTRIC CONTROL.
AD-628 964 6E T 66 08 HC$ 1.00 MF$ 0.50

TASK PREDICTABILITY IN THE ORGANIZATION, ACQUISITION, AND RETENTION OF TRACKING SKILL,
AD-629 566 5J T 66 08

TRAFFICABILITY, SWAMPS
TRAFFICABILITY TESTS ON CONFINED ORGANIC TERRAIN (MUSKEG). SUMMER 1962 TESTS.
AD-629 522 13F T 66 08 MF$ 1.00

TRAFFIC, QUEUEING THEORY
TIME-DEPENDENT DELAYS AT TRAFFIC MERGES.
AD-629 230 5A T 66 08 HC$ 1.60 MF$ 0.50

TRAINING DEVICES, ASTRONAUTICS
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME II. EVALUATION OF TELEVISION SYSTEMS.
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00

TRAINING DEVICES, COMPUTERS
SEMINAR OF MILITARY COMPUTER EDUCATORS AND COMPUTER CENTER DIRECTORS,
AD-628 935 9B T 66 08 HC$ 7.20 MF$ 2.00

TRAINING DEVICES, MAINTENANCE PERSONNEL
THE TROUBLE LOCATOR: A TROUBLESHOOTING AID FOR A COMPLEX ELECTRONIC SYSTEM.
PB-169 205 5I U 41 07 HC$ 1.00 MF$ 0.50

TRAINING, MAINTENANCE PERSONNEL
THE DEVELOPMENT OF TRAINING PROGRAMS FOR FIRST ENLISTMENT PERSONNEL IN ELECTRONICS MAINTENANCE MOS'S. IV. HOW TO DESIGN TRAIN- ING METHODS AND MATERIALS.
AD-628 168 5I T 66 07 HC$ 6.60 MF$ 0.75

TRAINING, MANAGEMENT ENGINEERING
THE FEASIBILITY OF DEVELOPING A TASK CLASSIFICATION STRUCTURE FOR ORDERING TRAINING PRINCIPLES AND TRAINING CONTENT.
AD-628 162 5I T 66 07 HC$ 7.60 MF$ 0.75

HUMRRO PRESENTATIONS TO MEETING OF NIKE ZEUS TPAINING PANEL (3RD).
AD-628 960 5I T 66 08 HC$ 2.60 MF$ 0.50

TRANQUILIZERS, SLEEP
AN ELECTROENCEPHALOGRAPHIC STUDY OF THE EFFECTS OF MEPROBAMATE ON HUMAN SLEEP,
AD-629 563 6O T 66 08

TRANS PLANTATION, BONE
FINAL REPORT,
AD-628 318 6E T 66 07 HC$ 1.10 MF$ 0.50

TRANSDUCERS, ACOUSTIC EQUIPMENT
SELECTED STUDIES IN MICROWAVE ACOUSTICS.
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50

TRANSDUCERS, ACOUSTIC PROPERTIES
FURTHER RESULTS ON ACOUSTIC RADIATION FROM A FINITE CYLINDER.
AD-628 127 20A T 66 07 HC$ 3.00 MF$ 0.75

TRANSDUCERS, INTERCOMMUNICATION SYSTEMS
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

TRANSDUCERS, PHASE CONTROL DEVICES
ARRAY PHASING BY VARIABLE-SPEED MAGNETIC DRUMS.
PATENT 3,217,287 9E U 41 07

TRANSDUCERS, SEMICONDUCTOR DEVICES
ACTIVE ACOUSTIC DEVICES.
AD-628 450 9A T 66 07 HC$ 3.00 MF$ 0.75

TRANSDUCERS, SONAR DOMES
PARAMETRIC ANALYSIS OF DOME-TRANSDUCER INTERACTIONS.
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75

TRANSDUCERS, VERY LOW FREQUENCY
UNDERWATER SOUND TRANSDUCER WITH RESONANT GAS BUBBLE.
PATENT 3,219,970 9A U 41 07

TRANSFER OF TRAINING, AERONAUTICS
TRANSFERABILITY OF RESEARCH AND DEVELOPMENT SKILLS IN THE AEROSPACE INDUSTRY.
AD-628 544 5I T 66 07 HC$ 4.00 MF$ 1.00

TRANSFER OF TRAINING, PERFORMANCE TESTS
SIMULATED SIMILARITY AND MEDIATION TIME IN TRANSFER,
AD-628 639 5J T 66 07

TRANSFER TRAJECTORIES, OPTIMIZATION
OPTIMUM POWER-LIMITED ORBIT TRANSFER IN STRONG GRAVITY FIELDS.
AD-629 302 22C T 66 08

TRANSFERASES, PSEUDOMONAS AEROGINOSA
PURIFICATION AND PROPERTIES OF ACYLTRANSFERASES FROM PSEUDOMONAS AERUGINOSA,
AD-628 390 6A T 66 07

TRANSFORMATIONAL GRAMMARS, SYNTAX
THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS,
AD-629 455 5G T 66 08

TRANSFORMERS, LAMINATES
HYSTERESIS AND EDDY-CURRENT LOSSES OF A TRANSFORMER LAMINATION VIEWED AS AN APPLICATION OF THE POYNTING THEOREM.
N66-10338 11G U 41 07 HC$ 1.00 MF$ 0.50

TRANSI TION TEMPERATURE, CONTROL
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES,
AD-629 514 20L T 66 08

TRANSIENTS, INTEGRAL TRANSFORMS
A GENERAL METHOD OF DETERMINING THE TOTAL TIME INTEGRAL OF TRANSIENTS IN LINEAR SYSTEMS,
MLM-1288 20C U 41 08 HC$ 1.00 MF$ 0.50

TRANSISTOR AMPLIFIERS, POWER AMPLIFIERS
DEVELOPMENT OF A 50-WATT, 80-MC LINEAR AMPLIFIER TRANSISTOR.
AD-629 246 9A T 66 08 HC$ 4.00 MF$ 0.75

TRANSISTORS, CIRCUITS
A SURVEY AND EVALUATION OF BIAS STABILIZATION TECHNIQUES IN TRANSISTOR CIRCUITS.
TID-21927 9A U 41 07 HC$ 3.00 MF$ 0.75

TRANSISTORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE (PEM) FOR TRANSISTOR, PNP, SILICON, SWITCHING TYPE EL-2N(X-12).
AD-628 128 9A T 66 07 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR SILICON OVERLAY TRANSISTORS.
AD-628 230 9A T 66 07 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR IMPROVEMEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50

TRANSISTORS, RADIATION DAMAGE
BIAS INFLUENCE ON RADIATION-INDUCED TRANSISTOR SURFACE EFFECTS,
AD-466 611 20L U 41 08 HC$ 2.00 MF$ 0.50

TRANSISTORS, RADIATION MEASUREMENT SYSTEMS
USE OF MOS TRANSISTORS IN SOLID-STATE RADIATION SURVEY METERS.
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50

TRANSISTORS, RADIOFREQUENCY
STRUCTURES FOR 300-WATT, 400MHZ UHF POWER TRANSMISSION.
AD-628 712 9A T 66 07 HC$ 2.00 MF$ 0.50

TRANSISTORS, USSR
TRANSISTORS AND SEMICONDUCTOR DIODES,
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00

TRANSISTORS, VOLTAGE REGULATORS
CONTROL APPARATUS FOR BALANCING VOLTAGE DROPS ACROSS SERIES TRANSISTORS.
PATENT 3,217,186 9A U 41 07

TRANSITION ELEMENTS, BAND THEORY OF SOLIDS
ELECTRICAL AND THERMAL RESISTIVITIES OF THE NON-MAGNETIC TRANSITION METALS WITH A TWO-BAND MODEL,
AD-629 655 20J T 66 08

TRANSITION ELEMENTS, CRYSTAL LATTICES
THE LATTICE STABILITY OF METALS V, VANADIUM, CHROMIUM, COBALT AND NICKEL.
AD-628 985 20B T 66 08 HC$ 1.00 MF$ 0.50

TRANSITION ELEMENTS, MAGNETIC PROPERTIES
STRUCTURE AND MAGNETIC PROPERTIES OF TRANSITION AND LANTHANIDE METAL COMPOUNDS; UNUSUAL OXIDATION STATES.
AD-628 523 7D T 66 07 HC$ 1.60 MF$ 0.50

TRANSITION ELEMENTS, OXIDES
ELECTRICAL PROPERTIES OF TRANSITION METAL OXIDES UP TO 1800C.
AD-628 321 20L T 66 07 HC$ 3.00 MF$ 0.75

TRANSMISSION LINES, PULSE AMPLIFIERS
AN APPLICATION OF INTERCOUPLED-TRANSMISSION-LINE-AMPLIFIER.
AD-628 670 9E T 66 07 HC$ 1.00 MF$ 0.50

TRANSMISSION LINES, SYNTHESIS
ANALYSIS AND SYNTHESIS OF NON-UNIFORM TRANSMISSION LINES INCORPORATING LOSS,
AD-629 172 9A T 66 08

TRANSFORMERLESS N-PORT SYMMETRICAL -TRANSMISSION-LINE SYNTHESIS,
PB-169 139 9C U 41 07 HC$ 4.00 MF$ 0.75

TRANSMISSION LINES, WAVEGUIDES
WAVEGUIDE TRANSMISSION CAVITY WITH LOSSES,
AD-628 773 20N T 66 07 HC$ 2.00 MF$ 0.50

TRANSPLANTATION, IMMUNOLOGY
HOST-CELL INTERACTIONS IN MICE BEARING ISOLOGOUS HEMOPOIETIC GRAFTS (LA GREFFE DES CELLULES HEMATOPOIETIQUES ALLOGENIQUES),
AD-628 462 6P T 66 07

STUDIES OF THE IMMUNOLOGICAL FACTORS INVOLVED IN HOMOLOGOUS TISSUE TRANSPLANTATION.
AD-628 857 6E T 66 07 HC$ 3.00 MF$ 0.75

TRANSPLANTATION, SURGICAL TECHNIQUES
FOREIGN DEVELOPMENTS IN SURGICAL TRANSPLANTATION,
AD-628 763 6E T 66 07 HC$ 3.00 MF$ 0.75

TRANSPONDERS, INTEGRATED CIRCUITS
MODULES (INTEGRATED CIRCUITS) FOR COMMUNICATIONS.
AD-628 117 9E T 66 07 HC$ 4.60 MF$ 0.50

TRANSPORT PLANES, CIVIL AVIATION
COMMERCIAL SUPERSONIC TRANSPORT AIRCRAFT AND THE DOMESTIC AIR TRAVEL MARKET.
AD-629 572 1E T 66 08 HC$ 2.60 MF$ 0.50

TRANSPORT PLANES, RUNWAYS
RESPONSE OF A TURBOJET AND A PISTON-ENGINE TRANSPORT AIRPLANE TO RUNWAY ROUGHNESS,
N66-13235 1E U 41 07 HC$ 2.00 MF$ 0.50

TRANSPORT PROPERTIES, ARGON
ARGON PLASMA TRANSPORT PROPERTIES,
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50

TRANSPORT PROPERTIES, GAS FLOW
ON THE TRANSPORT PHENOMENA IN RARIFIED GASES,
AD-629 213 20D T 66 08 HC$ 2.60 MF$ 0.50

TRANSPORT PROPERTIES, GASES
CONNECTED-DIAGRAM EXPANSION OF TRANSPORT COEFFICIENTS, II. QUANTUM GAS OBEYING CLASSICAL STATISTICS.
AD-628 248 S20J,T 66 07 HC$ 2.00 MF$ 0.50

THEORETICAL RESEARCH ON THERMODYNAMIC AND TRANSPORT PROPERTIES OF GASES AT HIGH TEMPERATURES.
AD-628 911 20I T 66 08 HC$ 1.00 MF$ 0.50

TRANSPORT PROPERTIES, MAGNETIC FIELDS
WIEDEMANN-FRANZ LAW IN THE QUANTUM LIMIT FOR ISOTROPIC SCATTERING.
AD-628 344 20C T 66 07

TRANSPORT PROPERTIES, MATHE MATICAL MODELS
NUMERICAL RESULTS FOR THE ESTIMATION OF SOURCE DISTRIBUTIONS FROM EXTERNAL RADIATION FIELD MEASUREMENTS,
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50

TRAVELING-WAVE TUBES, PERFORMANCE(ENGINEERING)
INVESTIGATION OF LARGE-SIGNAL KLYSTRON AND TRAVELING-WAVE DEVICES.
AD-628 732 9A T 66 07 HC$ 3.00 MF$ 0.75

TRAVELING-WAVE TUBES, X-BAND
A LOW-NOISE, MULTIPLE-FUNCTION, X-BAND TRAVELING-WAVE TUBE.
AD-628 353 9A T 66 07 HC$ 2.00 MF$ 0.50

TREES, SOUTHEAST ASIA

VEGETATION OF SOUTHEAST ASIA STUDIES OF FOREST TYPES 1963-1965.
AD-629 181 2F T 66 08 HC$30.90 MF$ 1.50

TREES, THAILAND
VEGETATION ANALYSIS OF PRAN BURI DEFOLIATION TEST AREA 1.
AD-629 667 6C T 66 08 HC$ 5.60 MF$ 0.75

TREMATODES, BIOLOGY
TREMATODES OF ANIMALS AND MAN (FUNDAMENTALS OF TREMATODOLOGY, VOLUME 20).
AD-629 166 6C T 66 08 HC$10.40 MF$ 2.75

TRIAZINES, POLYMERRATION
NITROGEN-CONTAINING POLYMERS AND PREPARATION OF SAME.
PATENT 3,225,016 11I U 41 08

TRIGGER CIRCUITS, MICROWAVE EQUIPMENT
THE 'HOUR-GLASS' ENERGY DIVERTER.
AD-629 571 9A T 66 08 HC$ 2.00 MF$ 0.50

TROPANE ALKALOIDS, TOXICITY
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

TROPICAL REGIONS, MARINE METEOROLOGY
ATMOSPHERIC WATER BUDGET OVER TROPICAL AREAS.
AD-629 163 4B T 66 08 HC$ 4.60 MF$ 0.50

TROPICAL CYCLONES, MATHEMATICAL MODELS
A SIMPLE MODEL OF THE HURRICANE INFLOW LAYER.
PB-169 210 4B U 41 07 HC$ 1.00 MF$ 0.50

TROPICAL CYCLONES, RADAR ECHO AREAS
A SUMMARY OF EMPIRICAL STUDIES OF THE HORIZONTAL MOTION OF SMALL RADAR PRECIPITATION ECHOES IN HURRICANE DONNA AND OTHER TROPICAL STORMS.
PB-169 248 4B U 41 07 HC$ 3.00 MF$ 0.75

TROPICAL REGIONS, GEOGRAPHY
SAVANNAS: A REVIEW OF A MAJOR RESEARCH PROBLEM IN TROPICAL GEOGRAPHY. THE INTERIOR OF BRITISH GUIANA AND THE MYTH OF EL DORADO.
AD-629 402 8F T 66 08

TROPOSPHERE, COSMIC RAYS
SURVEY OF COSMIC-RAY INTENSITY IN THE LOWER ATMOSPHERE.
AD-628 884 4A T 66 08

TROPOSPHERE, REFRACTIVE INDEX
PROCEEDINGS OF THE TROPOSPHERIC REFRACTION EFFECTS MEETING (3RD). VOLUME II. ANALYTICAL AND EXPERIMENTAL REFRACTION RESEARCH RESULTS.
AD-628 772 20N T 66 07 HC$ 6.00 MF$ 1.50

TUNED CIRCUITS, FILTERS(ELECTROMAGNETIC WAVE)
VARACTOR-TUNED FILTERS AT MICROWAVE FREQUENCIES.
AD-629 631 9A T 66 08 HC$ 2.00 MF$ 0.50

TUNGSTEN ALLOYS, MICROSTRUCTURE
A STUDY OF TUNGSTEN-TECHNETIUM ALLOYS.
N66-10634 11F U 41 08 HC$ 1.00 MF$ 0.50

TUNGSTEN COMPOUNDS, CARBIDES
A STUDY OF THE MECHANICAL PROPERTIES OF HIGH-COBALT CEMENTED TUNGSTEN CARBIDES.
NYO-2394-12 11F U 41 07 HC$ 1.00 MF$ 0.50

TUNGSTEN, CHEMISORPTION
A GENERALIZED MODEL FOR THE CHEMISORPTION BEHAVIOR OF NITROGEN ON TUNGSTEN.
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75

TUNGSTEN, POWDER METALLURGY
TUNGSTEN POWDER METALLURGY.
N66-10415 11F U 41 07 HC$ 0.35 MF$ 0.50

TUNGSTEN, RESONANCE
TUNGSTEN RESONANCE INTEGRALS AND DOPPLER COEFFICIENTS.
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50

TUNISIA, COMMERCE
TUNISIA.
PB-169 280 5C U 41 07 HC$ 4.00 MF$ 0.75

TUNNEL DIODES, CIRCUITS
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50

TUNNELING(ELECTRONICS), SEMICONDUCTORS
THEORY OF PHONON-ASSISTED TUNNELING IN SEMICONDUCTORS.
AD-628 445 20L T 66 07

TURBINES, PNEUMATIC BRAKES
APPARATUS FOR ABSORBING AND MEASURING POWER.
PATENT 3,221,547 10A U 41 07

TURBOFAN ENGINES, CAPTIVE TESTS
PARTIAL ALTITUDE MILITARY QUALIFICATION TEST OF THE TF37-GE-1 TURBOFAN ENGINE.
AD-628 775 21E T 66 07 HC$ 9.60 MF$ 0.75

TURBOJET ENGINES, COSTS
TURBOJET ENGINE PROCUREMENT COST ESTIMATING RELATIONSHIPS.
AD-628 057 15E T 66 07 HC$ 3.00 MF$ 0.75

TURBULENCE, GASES
DATA COMPARISONS AND PHOTOGRAPHIC OBSERVATIONS OF COAXIAL MIXING OF DISSIMILAR GASES AT NEARLY EQUAL STREAM VELOCITIES.
N66-12143 20D U 41 08 HC$ 1.00 MF$ 0.50

TURBULENCE, DIFFUSION
DISPERSION OF PARTICLE PAIRS IN HOMOGENEOUS TURBULENCE.
AD-628 541 20D T 66 07 HC$ 1.00 MF$ 0.50

TURBULENCE, DYNAMICS
ISOTROPIC TURBULENCE AND INERTIAL-RANGE STRUCTURE IN THE ABRIDGED LHDI APPROXIMATION.
AD-628 540 20D T 66 07 HC$ 3.00 MF$ 0.75

INVARIANCE PRINCIPLES AND APPROXIMATION IN TURBULENCE DYNAMICS.
AD-628 542 20D T 66 07 HC$ 2.00 MF$ 0.50

TURBULENCE, HELIUM
EFFECTS OF TURBULENCE IN HE II THERMAL COUNTERFLOW.
AD-629 533 20D T 66 08

TURBULENCE, MEASUREMENT
TURBULENCE MEASUREMENTS WITH INCLINED HOT-WIRES.
AD-629 719 20M T 66 08 HC$ 5.00 MF$ 1.00

TURBULENT BOUNDARY LAYER, CYLINDRICAL BODIES
HOT-WIRE ANEMOMETER STUDY OF A TURBULENT BOUNDARY LAYER ON A POROUS AXIAL CIRCULAR CYLINDER WITH UNIFORM AIR INJECTION.
AD-628 083 20D T 66 07 HC$ 4.00 MF$ 0.75

TURBULENT BOUNDARY LAYER, PRESSURE
PRESSURE FLUCTUATIONS IN TURBULENT BOUNDARY LAYERS.
N66-13232 20D U 41 07 HC$ 2.00 MF$ 0.50

TURBULENT FLOW, HEAT TRANSFER
FLUID VELOCITY PROFILE DEVELOPMENT FOR TURBULENT FLOW IN SMOOTH ANNULI.
N66-11181 20D U 41 08 HC$ 5.00 MF$ 1.00

TWILIGHT, WIND
OBSERVED CHARACTERISTICS OF IONOSPHERIC WINDS.
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50

TWINNING (CRYSTALLOGRAPHY), COPPER
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

TWO-DIMENSIONAL FLOW, MATHEMATICAL ANALYSIS
THE CALCULATIONS OF THE ANOMALIES OF V SUB DELTA FOR THREE-DIMENSIONAL BODIES BY A 'PALETTE' OF A TWO-DIMENSIONAL BODY.
AD-628 416 20D T 66 07 HC$ 1.00 MF$ 0.50

THE CALCULATION OF ANOMALIES VXZ OF THREE-DIMENSIONAL BODIES WITH A PALETTE OF A TWO-DIMENSIONAL BODY.
AD-628 417 20D T 66 07 HC$ 1.00 MF$ 0.50

TWO-PHASE FLOW, BOILING WATER REACTORS
PROPAGATION OF DENSITY DISTURBANCES IN AIR-WATER FLOW.
ANL-7053 18I U 41 08 HC$ 4.00 MF$ 0.75

TWO-PHASE FLOW, HEAT TRANSFER
AN EXPERIMENTAL AND ANALYTICAL STUDY OF HEAT TRANSFER AND PRESSURE DROP IN HORIZONTAL ANNULAR TWO-PHASE, TWO-COMPONENT FLOW.
AD-628 386 20D T 66 07 HC$17.50 MF$ 1.00

TWO-PHASE FLOW AND BOILING HEAT TRANSFER.
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50

ULTRASONIC RADIATION, ABSORPTION
SOUND ABSORPTION IN BINARY MIXTURES OF HALOMETHANE GASES.
AD-628 426 7D T 66 07

ULTRASONIC ABSORPTION IN MGSO4 SOLUTIONS AS A FUNCTION OF PRESSURE AND DIELECTRIC CONSTANT.
AD-629 138 7D T 66 08

ULTRASONIC RADIATION, ATTENUATION
THE RECOVERY OF THE ULTRASONIC ATTENUATION IN COPPER SINGLE CRYSTALS FOLLOWING SMALL PLASTIC DEFORMATION.
AD-628 939 20B T 66 08 HC$ 1.25 MF$ 0.50

ULTRASONIC RADIATION, DEFORMATION
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 4. INTERNAL FRICTION AND CRYSTAL PLASTICITY IN INTENSE ULTRASONIC FIELDS.
AD-462 609 11F U 41 07 HC$ 1.00

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 3. ACOUSTIC SOFTENING AT HIGH STRAIN RATES.
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 5. DISCUSSION.
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50

ULTRASONIC RADIATION, NIOBIUM ALLOYS
EFFECTS OF HIGH MAGNETIC FIELDS ON THE ULTRASONIC VELOCITY AND ATTENUATION IN NB-25% ZR.
AD-629 185 20C T 66 08

ULTRASONIC RADIATION, NON-DESTRUCTIVE TESTING
ULTRASONIC TESTING.
ACF-4 13H U 41 07 HC$ 1.00 MF$ 0.50

INVESTIGATION OF SONIC TECHNIQUES FOR THE NONDESTRUCTIVE EVALUATION OF SINTERED IRON POWDER COMPACTS.
AD-628 538 11F T 66 07 HC$ 2.00 MF$ 0.50

ULTRASONIC RADIATION, ORGANIC COMPOUNDS
ULTRASOUND CHEMICAL EFFECTS ON PURE ORGANIC LIQUIDS,
AD-629 295 7C T 66 08

ULTRASONIC RADIATION, SCATTERING
SOUND DISPERSION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-629 531 7D T 66 08

ULTRASONIC RADIATION, SOLIDS
QUARTERLY REPORT,
AD-628 190 20L T 66 07 HC$ 1.10 MF$ 0.50

ULTRASONIC RADIATION, TEST METHODS
DEVELOPMENT OF CONTROLLED IMPULSE TECHNIQUE FOR IN SITU TESTING OF ROCK,
AD-628 860 8G T 66 07 HC$ 3.00 MF$ 0.75

ULTRAVIOLET RADIATION, CELL STRUCTURE
STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL,
TID-21581 6R U 41 07 HC$ 1.00 MF$ 0.50

STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL STRUCTURE AND BEHAVIOR. SIX-YEAR COMPREHENSIVE REPORT, MARCH 1959 NOVEMBER 1964,
TID-21611 6R U 41 07 HC$ 1.00 MF$ 0.50

ULTRAVIOLET RADIATION, PHOTOCHEMISTRY
MONOENERGETIC PHOTOLYTIC REACTIONS,
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

ULTRAVIOLET RADIATION, SOURCES
THE DEVELOPMENT OF A SOURCE OF VACUUM ULTRAVIOLET AND SOFT X-RADIATION,
N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50

ULTRAVIOLET SPECTROSCOPY, COMPLEX COMPOUNDS
ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS,
AD-629 551 7B T 66 08

ULTRAVIOLET SPECTROSCOPY, PHOSPHONITRILE CHLORIDES
SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES,
AD-629 552 7B T 66 08

ULTRAVIOLET SPECTROSCOPY, SOLIDS
MODERN SPECTROSCOPY OF SOLIDS,
AD-629 030 20F T 66 08

ULTRAVIOLET SPECTROSCOPY, WATER
THE SPECTRA OF H20 AND D20 IN THE VACUUM ULTRAVIOLET,
AD-628 413 7D T 66 07

UNCERTAINTY, COST EFFECTIVENESS
ESTIMATING COST UNCERTAINTY USING MONTE CARLO TECHNIQUES,
AD-629 082 14A T 66 08 HC$ 3.00 MF$ 0.50

UNCERTAINTY, LINEAR PROGRAMMING
CONSTRAINED GENERALIZED MEDIANS AND HYPERMEDIANS AS DETERMINISTIC EQUIVALENTS FOR TWO-STAGE LINEAR PROGRAMS UNDER UNCERTAINTY,
AD-628 574 12B T 66 07

UNDERGROUND EPLOSIONS, SEISMOLOGY
IDENTIFICATION OF SEISMIC PHASES SALMON EVENT,
PB-169 334 8K U 41 08 HC$ 1.10 MF$ 0.50

UNDERGROUND STRUCTURES, MECHANICAL PROPERTIES
EXPERIMENTAL STUDY OF STRESS WAVE INTERACTION IN PHOTOVISCOELASTIC PLATES,
AD-628 806 13M T 66 07 HC$ 5.00 MF$ 1.25

UNDERSEA WARFARE, SUBMARINES
OPTIMUM SUBMARINE ROUTING,
AD-629 350 15G T 66 08 HC$ 2.60 MF$ 0.50

UNDERWATER EXPLOSIONS, NUCLEAR EXPLOSIONS
PULSED REACTOR SIMULATION OF UNDERWATER NUCLEAR DETONATIONS-THERMAL ANALYSIS,
AD-629 404 18C T 66 08 HC$ 3.60 MF$ 0.50

UNDERWATER EXPLOSIONS, SHOCK WAVES
UNDERWATER SHOCK WAVE FREQUENCY SPECTRUM ANALYSIS. IV. FORTRAN IV PROGRAMS FOR THE IBM-7090 COMPUTER,
AD-628 936 20A T 66 08 HC$ 3.60 MF$ 0.50

NONLINEAR INTERACTION BETWEEN A SPHERICAL SHOCK WAVE AND FREE SURFACE WATER CAUSED BY THE EXPLOSION OF A DEEP CHARGE,
AD-629 670 19D T 66 08 HC$ 1.00 MF$ 0.50

UNDERWATER EXPLOSIONS, STRESS(PHYSIOLOGY)
MAN'S RESPONSE TO SHIP SHOCK MOTIONS,
AD-628 891 6S T 66 08 HC$ 2.00 MF$ 0.50

UNDERWATER OBJECT LOCATORS, EFFECTIVENESS
THE SEARCH UNDERWATER FOR A DOWNED NAVY JET AIRCRAFT,
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50

UNDERWATER OBJECT LOCATORS, TELEVISION EQUIPMENT
SUBMARINE ILLUMINATION AND TELEVISION IN HARBOR WATER,
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75

UNDERWATER SOUND EQUIPMENT, VERY LOW FREQUENCY
UNDERWATER SOUND TRANSDUCER WITH RESONANT GAS BUBBLE,
PATENT 3,219,970 9A U 41 07

UNDERWATER SOUND, ARCTIC OCEAN
AMBIENT NOISE UNDER ARCTIC-SEA ICE,
AD-628 304 20A T 66 07

UNDERWATER SOUND, ICE ISLANDS
TEMPERATURE-AND WIND-DEPENDENT AMBIENT NOISE UNDER MIDWINTER PACK ICE,
AD-629 276 20A T 66 08

UNDERWATER SOUND, MEASUREMENT
MEASUREMENTS OF THE SPATIAL CORRELATION OF AMBIENT NOISE USING A DEEP-SUBMERGENCE VEHICLE (DIVING SAUCER SP-300),
AD-628 938 20A T 66 08 HC$ 1.00 MF$ 0.50

UNION OF SOUTH AFRICA, COMMERCE
SOUTH AFRICA (REPUBLIC OF),
PB-169 255 5C U 41 07 HC$ 6.00 MF$ 1.25

UNITED STATES, INDUSTRIES
CONFERENCE ON STATE TECHNICAL SERVICES (2ND), DECEMBER 9-10, 1965, STATLER HILTON HOTEL, WASHINGTON, D. C.
PB-169 325 5C U 41 07 HC$ 3.60 MF$ 0.50

UNITED STATES GOVERNMENT, INDUSTRIAL RESEARCH
CONFERENCE ON STATE TECHNICAL SERVICES (2ND), DECEMBER 9-10, 1965, STATLER HILTON HOTEL, WASHINGTON, D. C.
PB-169 325 5C U 41 07 HC$ 3.60 MF$ 0.50

UNITED STATES GOVERNMENT, FOREIGN POLICY
UNITED STATES INTERESTS IN ASIA,
AD-628 484 5D T 66 07 HC$ 1.10 MF$ 0.50

GERMANY IN AMERICAN FOREIGN POLICY,
AD-629 569 5D T 66 08 HC$ 2.00 MF$ 0.50

UNITED STATES, COMMERCE
UNITED STATES OF AMERICA,
PB-169 293 5C U 41 07 HC$ 7.00 MF$ 1.50

UPPER ATMOSPHERE, ATMOSPHERIC TEMPERATURE
NIGHTGLOW 5577 A (OI) LIKE KINETIC TEMPERATURES,
AD-628 799 4A T 66 07

UPPER ATMOSPHERE, DENSITY
DENSITY VARIATIONS IN THE HETEROSPHERE,
N66-12982 4A U 41 08 HC$ 2.00 MF$ 0.50

UPPER ATMOSPHERE, HYDROXIDES
OBSERVATION OF THE DELTA NU=1 SEQUENCE OF OH PRODUCED IN THE H + 03 REACTION,
AD-629 115 4A T 66 08

UPPER ATMOSPHERE, MAGNETOHYDRO DYNAMICS
EQUATORIAL TRANSMISSION OF GEOMAGNETIC MICROPULSATIONS THROUGH THE IONOSPHERE AND LOWER EXOSPHERE,
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50

UPPER ATMOSPHERE, PHYSICS
MAGNETOSPHERIC PHENOMENA,
N66-10672 20H U 41 08 HC$ 1.00 MF$ 0.50

UPPER ATMOSPHERE, SCIENTIFIC RESEARCH
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE,
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00

RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE, SUPPLEMENT,
AD-628 498 4A T 66 07 HC$14.80 MF$ 1.00

URANIUM ALLOYS, HEAT-TREATMENT
THE HEAT-TREATABILITY AND PROPERTIES OF URANIUM ALLOYS,
AD-628 155 11F T 66 07

URANIUM ALLOYS, MICROSTRUCTURE
EFFECT OF MICROSTRUCTURE ON CAVITATIONAL SWELLING OF DILUTE URANIUM ALLOYS,
CONF-650904-4 18J U 41 08 HC$ 1.00 MF$ 0.50

URANIUM COMPOUNDS, CARBIDES
DEVELOPMENT OF PROCESSES FOR THE PREPARATION OF URANIUM CARBIDES AS WELL AS CERMETS ON A UC BASE,
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75

A NUCLEAR FUEL CONSISTING OF VERY SMALL, UNIFORMLY DISPERSED UC PARTICLES IN A URANIUM MATRIX,
NCSC-2981-1 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-2 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-3 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-5 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-6 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-7 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-8 18J U 41 07 HC$ 1.00 MF$ 0.50

URANIUM COMPOUNDS, DIOXIDES
A THERMODYNAMIC STUDY OF THE URANIA -URANIUM SYSTEM,
ANL-7048 7B U 41 08 HC$ 2.00 MF$ 0.50

URANIUM COMPOUNDS, PREPARATION
PRODUCTION OF U02 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS,
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

PRODUCTION OF U02 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS,
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

PREPARATION OF U02 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS,
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING TO FUEL ELEMENTS.
EURAEC-990 18J U 41 07 HC$ 2.00 MF$ 0.50

URANIUM, PERU
EXAMINATION OF SELECTED AREAS IN PERU.
RME-4530 8G U 41 08 HC$ 2.00 MF$ 0.50

URANIUM, FISSION PRODUCTS
GAMMA-RAY ENERGY PSEUDOSPECTRA FOR U235 FISSION PRODUCTS AND FOR VARIOUS TIMES AFTER FISSION.
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75

URANIUM, GASES
WHEEL-FLOW GASEOUS-CORE REACTOR CONCEPT.
N66-10747 21F U 41 07 HC$ 1.00 MF$ 0.50

URANIUM, GEOLOGICAL SURVEY
RECONNAISSANCE FOR URANIUM IN NORTHEAST COASTAL BRAZIL.
RME-4545 8G U 41 07 HC$ 2.00 MF$ 0.50

URANIUM, RECOVERY
DEVELOPMENT OF A CONTINUOUS ELECTROLYTIC PROCESS FOR RECOVERY OF URANIUM FROM HIGH-ENRICHED STAINLESS STEEL AND NICHROME FUELS.
IDO-14643 18J U 41 07 HC$ 3.00 MF$ 0.75

URANIUM, SINTERING
URANIUM INTERSTITIAL PHASES.
NCSC-2663-16 20R U 41 08 HC$ 1.00 MF$ 0.50

URBAN AREAS, SOCIOLOGY
PROCESSES OF MODERNIZATION AND OF URBAN AND INDUSTRIAL TRANSFORMATION UNDER CONDITIONS OF STRUCTURAL DUALITY.
AD-629 235 5K T 66 08

UREA, CLATHERATE COMPOUNDS
UREA INCLUSION COMPOUNDS OF N-ALKYL OXIRANES.
PATENT 3,219,654 6F U 41 07

URINE, SECRETION
UBER DAS UNTERSCHIEDLICHE VERHALTEN DER DIURESE BEI INTRAPORTALEN UND INTRACAVALEN INFUSIONEN VON WASSER UND 0,90/O NACLLOSUNG AN DER WACHEN RATTE (THE DIFFERENT DIURETIC EFFECTS OF WATER AND ISOTONIC SALINE INFUSION INTO THE PORTAL VEIN AND VENA CAVA OF THE UNANESTHETIZED RAT).
AD-628 372 6P T 66 07

UBER DEN EINFLUB KURZZEITIGER ABKLEMMUNG DER VENA PORTAE AUF DIE DIURESE UND DEN ARTERIELLEN BLUTDRUCK DER WACHEN RATTE (THE EFFECT OF SHORT-TERM OCCLUSION OF THE PORTAL VEIN ON DIURESIS AND ARTERIAL BLOOD PRESSURE IN THE UNANESTHETIZED RAT).
AD-629 210 6P T 66 08

DIE BEEINFLUSSUNG DER BADEDIURESE DURCH ADIURETIN (THE EFFECT OF ADH ON IMMERSION DIURESIS).
AD-629 211 6P T 66 08

USSR, COMMERCE
U.S.S.R.
PB-169 254 5C U 41 07 HC$ 1.00 MF$ 0.50

USSR, ECONOMICS
IMPROVING ECONOMIC DISTRICTING IN THE KAZAKH SSR IN CONNECTION WITH THE DEVELOPMENT OF THE NEW FIVE-YEAR PLAN FOR 1966 - 1970.
AD-628 845 8F T 66 07 HC$ 1.00 MF$ 0.50

USSR, GEO GRAPHY
NEWS ITEMS (CONGRESS OF GEOGRAPHERS OF THE UKRANIAN SSR (1ST)).
AD-628 847 8F T 66 07 HC$ 1.00 MF$ 0.50

USSR, GEOGRAPHY
CONCERNING THE HISTORY OF ZONING OF RUSSIA.
AD-628 532 8F T 66 07 HC$ 1.00 MF$ 0.50

USSR, URBAN AREAS
TASHKENT IN THE SIXTH FIVE-YEAR PLAN.
AD-628 840 8F T 66 07 HC$ 1.10 MF$ 0.50

A CONSIDERATION OF CERTAIN PREREQUISITES FOR THE INDUSTRIAL DEVELOPMENT OF SMALL AND MEDIUM-SIZE CITIES IN THE CENTRAL ECONOMIC REGION.
AD-628 844 8F T 66 07 HC$ 1.00 MF$ 0.50

VACUUM APPARATUS, DESIGN
EXTREME VACUUM TECHNOLOGY DEVELOPMENTS.
N65-36766 14B U 41 07 HC$ 2.00 MF$ 0.50

VACUUM APPARATUS, PRESSURE GAGES
EVALUATION OF A VOLUME-RATIO CALIBRATION SYSTEM FOR VACUUM GAGES FROM 0.000001 TO 0.001 TORR.
N66-10336 14B U 41 07 HC$ 1.00 MF$ 0.50

VACUUM PUMPS, ADSORPTION
A TECHNIQUE FOR MEASURING CAPTURE COEFFICIENTS AND APPLICATION TO THE MEASUREMENT OF HYDROGEN ADSORPTION BY TITANIUM.
AD-628 380 14B T 66 07 HC$ 2.00 MF$ 0.50

VACUUM, METALS
EFFECT OF VACUUM ON THE MECHANICAL BEHAVIOR OF METALS.
AD-628 794 11F T 66 07 HC$ 1.00 MF$ 0.50

VALENCE, WAVE FUNCTIONS
A STUDY OF THE VALENCE ELECTRON APPROXIMATION: APPLICATION TO LIH.
AD-628 261 7D T 66 07

VAN ALLEN RADIATION BELT, PARTICLES
RELAY I PROGRAM.
N66-10226 22B U 41 08 HC$ 4.25 MF$ 3.50

VAN ALLEN RADIATION BELT, ELECTRON DENSITY
DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT.
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75

VAN ALLEN RADIATION BELT, PROTONS
TIME AND ALTITUDE DEPENDENCE OF 55-MEV TRAPPED PROTONS, AUGUST 1961 TO JUNE 1964.
AD-629 119 4A T 66 08

VAN ALLEN RADIATION BELT, STABILITY
THEORETICAL STUDY OF SPACE PLASMAS.
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75

VANADIUM, FLUORESCENCE
THERMAL EFFECTS ON THE FLUORESCENCE LIFETIME AND SPECTRUM OF MGO:V(2+).
AD-629 266 20L T 66 08

VAPOR PLATING, BORON
THE PREPARATION AND STRUCTURE OF THIN FILMS OF BORON ON SILICON.
AD-628 632 20L T 66 07

VAPOR PLATING, ELECTRIC CONNECTORS
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 225 9A T 66 07 HC$23.80 MF$ 1.25

VAPOR PLATING, EVAPORATION
SILICON MONOXIDE BAFFLED BOX EVAPORATION SOURCE CAPABILITY.
AD-629 706 13H T 66 08 HC$ 2.60 MF$ 0.50

VAPOR PLATING, FILMS
REFINEMENT OF NAFI THIN FILM PRODUCTION TECHNIQUES.
AD-629 274 9A T 66 08 HC$ 2.00 MF$ 0.50

VAPOR PLATING, SILICON COMPOUNDS
THE PERFORMANCE OF SIO SOURCE (NAFI IF-1008) IN SINGLE-CHAMBER VACUUM SYSTEMS.
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50

VAPORS, HIGH-TEMPERATURE RESEARCH
HIGH-TEMPERATURE THERMAL PROPERTIES OF GASES AND VAPORS. PROGRESS REPORT, 1964/65.
CU-2660-16 20M U 41 08 HC$ 1.00 MF$ 0.50

VAPORS, NUCLEAR CROSS SECTIONS
ELECTRON COLLISION CROSS SECTIONS IN METAL VAPORS.
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50

VARACTOR DIODES, FILTERS(ELECTROMAGNETIC WAVE)
VARACTOR-TUNED FILTERS AT MICROWAVE FREQUENCIES.
AD-629 631 9A T 66 08 HC$ 2.00 MF$ 0.50

VARACTOR DIODES, ULTRAHIGH FREQUENCY
HIGH POWER VARACTOR FOR UHF TRANSMISSION.
AD-628 131 9A T 66 07 HC$ 3.00 MF$ 0.75

VARIABLE AREA NOZZLES, HYPERSONIC FLOW
RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

VARYING SWEEP WINGS, AERODYNAMIC CHARACTERISTICS
FLIGHT INVESTIGATION OF THE AERODYNAMIC PROPERTIES OF AN OGEE WING.
N66-13017 1C U 41 07 HC$ 1.00 MF$ 0.50

VASOACTIVE AGENTS, THALAMUS
VASOPRESSOR AND OXYTOCIC ACTIVITIES IN HUMAN HYPOTHALAMUS, POSTERIOR AND ANTERIOR LOBES OF THE PITUITARY GLAND.
AD-629 559 6P T 66 08

VEGETABLE OILS, PREPARATION
WAX ESTER SUBSTITUTE FOR JOJOBA OIL FROM THE SEED OF LIMNANTHES DOUGLASII.
PATENT 3,226,406 11G U 41 08

VEGETABLES, PROTEINS
ON PROTEINS OF CABBAGE: REPORT 1. AMINO ACID CONTENT OF PROTEINS.
AD-628 420 6A T 66 07 HC$ 1.00 MF$ 0.50

VENTILA TION, FALLOUT SHELTERS
SHELTER PACKAGE VENTILATION KIT.
AD-629 634 13A T 66 08 HC$ 1.00 MF$ 0.50

VENTILATION, FALLOUT SHELTERS
SHELTER PACKAGE VENTILATION KIT.
AD-629 633 13A T 66 08 HC$ 4.00 MF$ 0.75

VENUS PROBES, SPACE CAPSULES
STUDY OF MARS AND VENUS ORBITER MISSIONS LAUNCHED BY THE 3-STAGE SATURN C-1 B VEHICLE, VOLUME III.
N66-10887 22A U 41 08 HC$ 8.00 MF$ 2.50

VERBAL BEHAVIOR, LEARNING
STUDIES OF CODING IN VERBAL LEARNING.
AD-628 226 5J T 66 07

AN ANALYSIS OF INTRALIST SIMILARITY IN VERBAL LEARNING WITH EXPERIMENTS ON CONCEPTUAL SIMILARITY.
AD-628 638 5J T 66 07

FALSE RECOGNITION PRODUCED BY IMPLICIT VERBAL RESPONSES.
AD-628 640 5J T 66 07

VERBAL BEHAVIOR, PERFORMANCE TESTS

THE INFLUENCE OF PRACTICE FRAMES AND VERBAL ABILITY ON PROGRAMED INSTRUCTION PERFORMANCE.
AD-628 444 5I T 66 07 HC$ 2.60 MF$ 0.50

VERBAL BEHAVIOR, WORD ASSOCIATION
SOME OBSERVATIONS ON THE USE OF FREE WORD ASSOCIATIONS IN THE SELECTION OF WORDS IN THE CONSTRUCTION OF SENTENCES.
AD-628 850 5J T 66 07 HC$ 1.00 MF$ 0.50

SOME DATA ON CONTROLLED ASSOCIATION.
AD-628 851 5J T 66 07 HC$ 1.00 MF$ 0.50

INCIDENTAL LEARNING WITH WORD PAIRS VARYING IN ASSOCIATIVE OVERLAP AND CATEGORY MEMBERSHIP.
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50

FURTHER STUDY OF ASSOCIATIVE REACTIONS TO COMPOUND VERBAL STIMULI.
AD-628 853 5J T 66 07 HC$ 1.00 MF$ 0.50

VERTICAL INDICATORS, SUPERSONIC FLIGHT
AIRCRAFT INSTRUMENT.
PATENT 3,221,549 1D U 41 07

VERTICAL TAKE-OFF PLANES, DOWNWASH
DOWNWASH TESTS OF THE DUAL TANDEM DUCTED PROPELLER VTOL RESEARCH AIRCRAFT CONFIGURATIONS TO EVALUATE ENGINE INLETS, PROTECTION DEVICES AND STUDY AERODYNAMIC INTERFERENCE.
AD-628 669 1A T 66 07 HC$16.00 MF$ 1.00

VERTICAL TAKE-OFF PLANES, MODEL TESTS
A SURVEY OF V/STOL WIND TUNNEL WALL CORRECTIONS AND TEST TECHNIQUES.
AD-629 004 14B T 66 08 HC$ 3.00 MF$ 0.75

VERTICAL TAKE-OFF PLANES, PERFORMANCE (ENGINEERING)
AN INVESTIGATION OF PROPELLER SLIPSTREAM EFFECTS ON V/STOL AIRCRAFT PERFORMANCE AND STABILITY.
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00

VERTICAL TAKE-OFF PLANES, TESTS
INVESTIGATION OF AN ISOLATED MONOCYCLIC V/STOL PROPELLER PERFORMANCE AND OSCILLATORY STRESS.
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75

VERTIGO, AVIATION PERSONNEL
THE CONCEPT OF AVIATOR'S 'VERTIGO',
AD-467 970 6S U 41 07 HC$ 1.00 MF$ 0.50

PREDICTING THE SUSCEPTIBILITY OF AVIATORS TO 'VERTIGO': A PRELIMINARY STUDY,
AD-467 972 6S U 41 07 HC$ 1.00 MF$ 0.50

VERTIGO, PILOTS
VERTIGO AS A CAUSE OF PILOT ERROR IN JET AIRCRAFT.
AD-468 151 6S U 41 07 HC$ 1.00 MF$ 0.50

VERY LOW FREQUENCY, ATMOSPHERICS
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROBURENT, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

VERY LOW FREQUENCY, RADIO TRANSMISSION
VLF RELATIVE PHASE PREDICTIONS FOR SELECTED TRANSMISSION PATHS.
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75

VESTIBULAR APPARATUS, HISTOLOGICAL TECHNIQUES
ARCHITECTURE OF THE OTOLITH END ORGAN: WITH SOME FUNCTIONAL CONSIDERATIONS,
AD-628 211 6P T 66 07 HC$ 1.60 MF$ 0.50

VESTIBULAR APPARATUS, SENSITIVITY
MODIFICATION OF VESTIBULAR SENSITIVITY IN THE RAT,
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50

VIBRA TION, SYMPOSIA
THE SHOCK AND VIBRATION BULLETIN.
AD-628 599 20K T 66 07 HC$ 6.00 MF$ 1.50

VIBRATION ISOLATORS, EFFECTIVENESS
A STUDY OF THE KAMAN DYNAMIC ANTIRESONANT VIBRATION ISOLATOR.
AD-629 636 13I T 66 08 HC$ 6.00 MF$ 1.50

VIBRATION, ELASTIC SHELLS
VIBRATION OF THIN SHELLS UNDER INITIAL STRESS,
AD-628 736 20K T 66 07

VIBRATION, LAUNCHING
SPECTRAL ANALYSIS OF NONSTATIONARY SPACECRAFT VIBRATION DATA.
N66-11250 22C U 41 07 HC$ 4.00 MF$ 0.75

VIBRATION, NONLINEAR DIFFERENTIAL EQUATIONS
A THEORETICAL AND EXPERIMENTAL STUDY OF THE NONLINEAR FLEXURAL VIBRATIONS OF THIN CIRCULAR RINGS.
N66-13024 20K U 41 07 HC$ 3.00 MF$ 0.75

VIBRATION, ROCKET MOTORS
MECHANICAL VIBRATION: A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES.
AD-628 920 21B T 66 08 HC$ 3.60 MF$ 0.50

VIBRATION, STRUCTURE
COUPLED VIBRATORY SYSTEM ANALYSIS USING THE DUAL FORMULATION.
AD-628 216 20K T 66 07 HC$ 1.60 MF$ 0.50

VIBRATION, SYMPOSIA
THE SHOCK AND VIBRATION BULLETIN.
AD-628 600 20K T 66 07 HC$ 6.00 MF$ 1.50

VIBRATION, TOLERANCES(PHYSIOLOGY)
ON NOISE AND VIBRATION EXPOSURE CRITERIA,
AD-628 175 6J T 66 07

VIBRATORS(MECHANICAL), SEISMOLOGY
STUDY OF GROUND MOTIONS FOR SIMULATION BY SHOCK TESTING MACHINE.
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00

VIEWING SCREENS, CHOLESTEROL
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

VINYL PLASTICS, PREPARATION
CARBOHYDRATE DERIVED POLYAMIDES.
PATENT 3,225,012 11I U 41 08

VINYL PLASTICS, MOLECULAR STRUCTURE
STEREOREGULARITY AND UNPERTURBED DIMENSIONS OF ISOTACTIC POLY-ALPHA-OLEFINS,
AD-629 281 11I T 66 08

VISCOELASTICITY, PLASTICS
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

VISCOELASTICITY, POLYMERS
VISCOELASTIC BEHAVIOR OF POLYMERS AT LONG TIMES.
N66-12985 11J U 41 08 HC$ 1.00 MF$ 0.50

VISCOSITY, MEASUREMENT
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 2. SOME ALKALI AND ALKALINE EARTH CHLORIDES,
AD-629 651 7D T 66 08

VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 1. THEORETICAL PRINCIPLES OF THE OSCILLATING HOLLOW CYLINDER METHOD,
AD-629 652 7D T 66 08

VISION, ADAPTATION(PHYSIOLOGY)
RETINAL GANGLION CELL ACTIVITY IN CATS DURING DARK ADAPTATION,
AD-628 352 6P T 66 07

ON THE ORIGIN OF THE DARK DISCHARGE OF RETINAL GANGLION CELLS,
AD-628 354 6P T 66 07

VISION, ELECTRORETINOGRAPHY
HUMAN ELECTRORETINOGRAPHY AS A GAUGE OF VISUAL PERFORMANCE.
AD-629 737 6P T 66 08 HC$ 2.00 MF$ 0.50

VISION, NERVOUS SYSTEM
PHYSIOLOGY OF CENTRAL VISUAL PATHWAYS.
AD-628 081 6P T 66 07 HC$ 3.00 MF$ 0.50

VISION, REFLEXES
AN INVESTIGATION OF VISION DURING INVOLUNTARY SACCADIC EYE MOVEMENTS.
AD-629 078 6P T 66 08 HC$ 2.00 MF$ 0.50

VISION, SENSORY DEPRIVATION
NUCLEIC ACID AND PROTEIN CHANGES DURING DEVELOPMENT IN NORMAL AND VISUALLY DEPRIVED RATS.
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50

VISION, TARGET DISCRIMINATION
A STUDY OF VISUAL SEARCH USING EYE MOVEMENT RECORDINGS.
AD-629 624 6P T 66 08 HC$ 3.00 MF$ 0.75

VISION, TEST METHODS
THE DEVELOPMENT AND STANDARDIZATION OF A GROUP TEST FOR CRITICAL FLICKER FREQUENCY.
AD-468 341 5J U 41 08 HC$ 1.00 MF$ 0.50

VISUAL ACUITY, GEOMETRIC FORMS
INFORMATION TRANSMISSION IN A PATTERN DISCRIMINATION TASK AS A FUNCTION OF INITIAL TASK DIFFICULTY,
AD-628 109 5J T 66 07

VISUAL PERCEPTION, ACCELERATION
THE PERCEPTION OF VERTICAL IN THE PRESENCE OF INCREASED ACCELERATIVE FORCES.
AD-468 195 6S U 41 07 HC$ 1.00 MF$ 0.50

VISUAL PERCEPTION, FLIGHT
THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. I. METHODOLOGY AND PRELIMINARY RESULTS,
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. III. HABITUATION AND TECHNIQUE OF ASSUMING THE TURN AS FACTORS IN ILLUSORY PERCEPTION,
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50

VISUAL PERCEPTION, PSYCHOMETRICS
EFFECT OF INTENSITY CHANGES IN AUXILIARY STIMULI ON AUDITORY AND VISUAL SIGNAL DETECTION,
AD-628 188 5J T 66 07 HC$ 6.60 MF$ 0.75

CONTINGENT DISCRIMINATION IN HUMANS,
AD-629 144 5J T 66 08

ABSOLUTE AND DIFFERENTIAL CUING OF SUCCESSIVE REVERSALS,
AD-629 146 5J T 66 08

VISUAL PERCEPTION, SOCIAL COMMUNICATION
A CROSS-CULTURAL COMPARISON OF PRINTED COMMUNICATION VERSUS SPOKEN COMMUNICATION IN PERSUASION,
AD-628 651 5J T 66 07

VISUAL PERCEPTION, STRESS(PHYSIOLOGY)
REPORTED VISUAL SENSATION DURING BRIEF EXPOSURE TO REDUCED SENSORY INPUT.
AD-628 959 6S T 66 08 HC$ 1.60 MF$ 0.50

VISUAL PERCEPTION, VISUAL SIGNALS
DETERIORATION OF SIGNAL DETECTABILITY DURING A VIGILANCE TASK AS A FUNCTION OF BACKGROUND EVENT RATE,
AD-629 100 5J T 66 08

VOCABULARY, ENGINEERING
ACTION PLAN FOR IMPROVED DISSEMINATION OF ENGINEERING INFORMATION.
PB-169 320 5B U 41 07 HC$ 1.60 MF$ 0.50

VOCABULARY, ENGINEERING
ACTION PLAN FOR IMPROVED DISSEMINATION OF ENGINEERING INFORMATION.
PB-169 318 5B U 41 07 HC$ 1.10 MF$ 0.50

VOCABULARY, SEARCH THEORY
REDIRECTING THE SEARCH PROCESS,
AD-628 561 5J T 66 07

SEARCHING THROUGH WORD LISTS,
AD-628 562 5J T 66 07

VOICE COMMUNICATION SYSTEMS, DESIGN
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

VOLCANOES, AIR POLLUTION
DISTRIBUTION OF VOLCANIC FALLOUT IN AND ABOUT A ONE-STORY RESIDENCE,
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75

VOLTAGE REGULATORS, TRANSISTORS
CONTROL APPARATUS FOR BALANCING VOLTAGE DROPS ACROSS SERIES TRANSISTORS.
PATENT 3,217,186 9A U 41 07

VOLTAGE, ELECTROCHEMISTRY
CONTACT POTENTIAL DIFFERENCE BETWEEN SILVER NITRATE AND SILVER.
AD-629 075 7D T 66 08

VOLUMETRIC ANALYSIS, ACETONITRILES
CALIBRATION OF THE GLASS ELECTRODE IN ACETONITRILE. SHAPE OF POTENTIOMETRIC TITRATION CURVES. DISSOCIATION CONSTANT OF PICRIC ACID,
AD-629 614 7D T 66 08

VOLUMETRIC ANALYSIS, STANDARDS
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JULY 1964 TO JUNE 1965,
C13.46-275 7D U 41 07 MF$ 0.75

VORTICES, AERODYNAMIC CHARACTERISTICS
EXPERIMENTAL PROFILES OF VELOCITY COMPONENTS AND RADIAL PRESSURE DISTRIBUTIONS IN A VORTEX CONTAINED IN A SHORT CYLINDRICAL CHAMBER,
N65-35840 1A U 41 07 HC$ 2.00 MF$ 0.50

VORTICES, FLOW SEPARATION
MEASUREMENT OF VORTEX SEPARATION. PART I: TWO-DIMENSIONAL CIRCULAR AND ELLIPTIC BODIES.
AD-628 578 20D T 66 07 HC$ 3.00 MF$ 0.75

WAKE, DENSITY
DETERMINING THE DENSITY OF A GAS BEHIND A SHOCK WAVE FROM SHADOW PHOTOGRAPHY,
AD-629 471 20D T 66 08 HC$ 2.60 MF$ 0.50

WAKE, STABILITY
THE INSTABILITY OF INVISCID JETS AND WAKES IN COMPRESSIBLE FLUID,
AD-629 323 20D T 66 08

WAR GAMES, PROGRAMMING(COMPUTERS)
A MINE SWEEPER COMPUTER SIMULATION.
AD-629 351 15G T 66 08 HC$ 5.60 MF$ 0.75

WAR GAMES, SUBMARINES
OPTIMUM SUBMARINE ROUTING.
AD-629 350 15G T 66 08 HC$ 2.60 MF$ 0.50

WARNING SYSTEMS, DEMOLITIONS
AN ELECTRONIC TRIGGERING DEVICE FOR BOOBY TRAP AND PERIMETER DEFENSE APPLICATIONS.
AD-628 764 15G T 66 07 HC$ 1.00 MF$ 0.50

WASTES(SANITARY ENGINEERING), CLOSED ECOLOGICAL SYSTEMS
CONFERENCE ON NUTRITION IN SPACE AND RELATED WASTE PROBLEMS,
N65-18566 6K U 41 07 MF$ 2.00

WATER VAPOR, BAND SPECTRUM
NEW DETERMINATION OF THE STRENGTH OF THE V3 BAND OF WATER VAPOR FORM DISPERSION MEASUREMENTS.
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50

ABSOLUTE INTENSITY MEASUREMENTS FOR THE 2.7 MICRON BAND OF WATER VAPOR IN A SHOCK TUBE,
AD-629 612 7D T 66 08

WATER VAPOR, MARINE METEOROLOGY
ATMOSPHERIC WATER BUDGET OVER TROPICAL AREAS.
AD-629 163 4B T 66 08 HC$ 4.60 MF$ 0.50

WATER VAPOR, RELAXATION TIME
VIBRATIONAL RELAXATION IN CARBON DIOXIDE/WATER-VAPOR MIXTURES.
AD-628 572 7D T 66 07

WATER VAPOR, SPECTRA(VISIBLE + ULTRA VIOLET)
THE SPECTRA OF H20 AND D20 IN THE VACUUM ULTRAVIOLET,
AD-628 413 7D T 66 07

WATER WAVES, HYDRODYNAMICS
ANALYSIS OF WAVE FORCES ON A 30-INCH DIAMETER PILE UNDER CONFUSED SEA CONDITIONS.
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75

WATER, BOILING
CRITICAL HEAT FLUX FOR SATURATED POOL BOILING FROM HORIZONTAL AND VERTICAL WIRES IN REDUCED GRAVITY,
N66-12141 20M U 41 08 HC$ 1.00 MF$ 0.50

WATER, MOLECULAR ASSOCIATION
THE MECHANISM OF PROTON TRANSPORT IN AQUEOUS SOLUTIONS.
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50

WATER, SPECTRA(INFRARED)
NEAR-INFRARED SPECTRUM OF LIQUID WATER FROM 30 TO 374 DEGREES,
AD-629 388 7D T 66 08

WATER, SURFACE TENSION
DISCONTINUITIES IN THE SURFACE STRUCTURE OF ALCOHOL-WATER MIXTURES,
AD-628 351 7D T 66 07 HC$ 2.00 MF$ 0.50

WATER, VISCOSITY
VISCOSITY STUDIES ON DISTILLED WATER AND WEAK SOLS OF POLYETHYLENOXIDE USING THE FALLING CYLINDER VISCOMETER AT OKLAHOMA STATE UNIVERSITY.
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50

WAVE FUNCTIONS, CRYSTALS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

WAVE FUNCTIONS, DIATOMIC MOLECULES
PARTIAL WAVE CALCULATION OF THE DIATOMIC MOLECULE (HEH)++,
N65-35955 7D U 41 07 HC$ 1.00 MF$ 0.50

WAVE FUNCTIONS, IRON
ATOMIC WAVE FUNCTIONS, COLLISION CROSS-SEC- TIONS, AND TRANSITION PROBABILITIES OF FE IONS,
AD-629 437 3B T 66 08

WAVE FUNCTIONS, QUANTUM MECHANICS
APPROXIMATION OF EXPECTATION VALUES,
AD-628 482 7D T 66 07

WAVE FUNCTIONS, RELATIVITY THEORY
ON A POSSIBLE METHOD FOR CORRECTING ATOMIC WAVEFUNCTIONS FOR RELATIVISTIC EFFECTS,
AD-629 022 7D T 66 08

WAVE TRANSMISSION, CAVITY RESONATORS
CAVITY RESONANCES IN ACCELERATED SYSTEMS.
AD-628 635 9A T 66 07

WAVE TRANSMISSION, COMMUNICATION SATELLITES (PASSIVE)
ANALYSIS OF US - USSR COMMUNICATIONS EXPERIMENTS CONDUCTED BETWEEN JODRELL BANK OBSERVATORY, UK, AND ZIMENKI OBSERVATORY, USSR, VIA THE ECHO II SATELLITE.
N66-11235 17B U 41 08 HC$ 5.00 MF$ 1.25

WAVE TRANSMISSION, ELECTROMAGNETIC PULSES
PULSE PROPAGATION IN ANISOTROPIC, RANDOMLY INHOMOGENEOUS MEDIA.
AD-628 468 20N T 66 07

WAVE TRANSMISSION, HORN ANTENNAS
SURFACE WAVE AND ANTENNA ENGINEERING RESEARCH STUDY.
AD-628 859 9E T 66 07 HC$ 1.00 MF$ 0.50

WAVE TRANSMISSION, OPTICAL MATERIALS
EFFECTS OF A SIMULATED HIGH ENERGY ELECTRON SPACE ENVIRONMENT ON THE ULTRA- VIOLET TRANSMITTANCE OF OPTICAL MATERIALS BETWEEN 1050 AND 3000 A,
N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50

WAVEGUIDE FILTERS, STABILITY
SQUARE-TO-SINE WAVE FILTER,
N66-11212 9F U 41 08 HC$ 1.00 MF$ 0.50

WAVEGUIDE WINDOWS, ELECTRON BOMBARDMENT
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-408 398 9A U 41 07 HC$ 3.00

AD-421 001 9A U 41 07 HC$ 2.00

WAVEGUIDE WINDOWS, ELECTRON BOMBARDMENT
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-427 895 9A U 41 07 HC$ 3.00

AD-437 141 9A U 41 07 HC$ 3.00

WAVEGUIDE WINDOWS, MICROWAVE EQUIPMENT
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-401 050 9A U 41 07 HC$ 2.00

WAVEGUIDE WINDOWS, THERMAL STRESSES

THERMAL CRACKING OF WAVEGUIDE WINDOWS.
AD-628 907 9A T 66 08 HC$ 1.60 MF$ 0.50

WAVEGUIDES, OPTICS
RAY THEORY OF OPTICAL RESONATORS AND BEAM WAVEGUIDES.
AD-628 355 20F T 66 07 HC$ 2.00 MF$ 0.50

WAVEGUIDES, TRANSMISSION LINES
WAVEGUIDE TRANSMISSION CAVITY WITH LOSSES.
AD-628 773 20N T 66 07 HC$ 2.00 MF$ 0.50

WAXES, PREPARATION
WAX ESTER SUBSTITUTE FOR JOJOBA OIL FROM THE SEED OF LIMNANTHES DOUGLASII.
PATENT 3,226,406 11G U 41 08

WEAPON SYSTEMS, MILITARY REQUIREMENTS
ESTABLISHING RELIABILITY REQUIREMENTS FOR MILITARY WEAPON SYSTEMS AND EQUIPMENT.
AD-628 100 14D T 66 07 HC$ 6.60 MF$ 0.75

WEATHER FORECASTING, AIR MASS ANALY SIS
700-MB. WARM AIR ADVECTION AS A FORECASTING TOOL FOR MONTANA AND NORTHERN IDAHO.
PB-169 386 4B U 41 08 HC$ 1.60 MF$ 0.50

WEATHER FORECASTING, ALL-WEATHER AVIATION
FORECASTING THE FREEZING LEVEL OBJECTIVELY AS AN AID IN FORECASTING THE LEVEL OF ICING.
PB-169 247 4B U 41 07 HC$ 1.00 MF$ 0.50

WEATHER FORECASTING, ATMOSPHERIC TEMPERATURE
FORECASTING DAYTIME TEMPERATURES UTILIZING AVAILABLE SOLAR ENERGY.
PB-169 385 4B U 41 08 HC$ 1.00 MF$ 0.50

WEATHER FORECASTING, ATMOSPHERIC PRECIPITATION
ON THE PROBABILITY FORECASTING OF THE OCCURRENCE OF PRECIPITATION.
PB-169 246 4B U 41 07 HC$ 2.00 MF$ 0.50

WEATHER FORECASTING, ATMOSPHERIC TEMPERATURE
A METHOD FOR PREDICTING THE PROBABLE FREQUENCY OF DAILY MINIMUM TEMPERATURES FROM SUMMARIZED DATA.
AD-628 766 4B T 66 07 HC$ 3.00 MF$ 0.75

WEATHER FORECASTING, ECONOMICS
THE VALUE OF WEATHER FORECASTS.
PB-169 374 4B U 41 08 HC$ 1.60 MF$ 0.50

WEATHER FORECASTING, METEOROLOGICAL SATELLITES
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

WEATHER FORECASTING, MILITARY REQUIREMENTS
BALLISTIC WINDS STUDY.
AD-629 277 19D T 66 08 HC$ 3.60 MF$ 0.50

WEATHER FORECASTING, NUMERICAL METHODS AND PROCEDURES
NUMERICAL METHODS FOR SOLVING WEATHERFORECASTING AND CLIMATE-THEORY PROBLEMS, PART I.
AD-629 009 4B T 66 08 HC$ 4.00 MF$ 0.75

WEATHER FORECASTING, TERMINAL FLIGHT FACILITIES
SUMMARY OF SHORT-PERIOD TERMINAL WEATHER INFORMATION STUDIES.
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75

WEATHER FORECASTING, THUNDERSTORMS
METHODS FOR IDENTIFYING SEVERE THUNDERSTORMS BY RADAR: A GUIDE AND BIBLIOGRAPHY.
AD-629 118 4B T 66 08

WEATHER FORECASTING, USSR
LENINGRAD. MAIN GEOPHYSICAL OBSERVATORY. TRANSACTIONS.
AD-628 789 4B T 66 07 HC$19.70 MF$ 1.25

WEATHER FORECASTING, WIND
FORECASTING NORTHERLY WINDS IN NORTHERN AND CENTRAL CALIFORNIA.
PB-169 375 4B U 41 08 HC$ 1.60 MF$ 0.50

WEIGHTLESSNESS, SAFETY DEVICES
FEASIBILITY OF USING HANDRAILS TO MOVE ALONG A SURFACE WHILE WEIGHTLESS.
AD-628 596 22A T 66 07 HC$ 1.60 MF$ 0.50

WELDABILITY, STEEL
FERROUS ARC WELDING. PART I. A CORRELATION OF THE LITERATURE ON WELDABILITY.
AD-628 156 11F T 66 07 MF$ 0.75

WELDING, ALUMINUM ALLOYS
A STUDY TO DEVELOP A MECHANIZED WELDING PROCEDURE TO JOIN THICK-GAGE ALUMINUM ALLOY PLATE USING NARROW-GAP TECHNIQUES.
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75

WELDING, ELECTRON BEAMS
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50

WELDING, STEEL
WELDING OF VERY THICK STEELS.
EURAEC-1106 13H U 41 07 HC$ 6.00 MF$ 1.25

WELDING, STRESSES
A STUDY ON RESIDUAL STRESSES GENERATED BY THE UPWARD VERTICAL WELDING PROCESS.
EURAEC-1097 13H U 41 07 HC$ 4.00 MF$ 0.75

WELDS, FATIGUE (MECHANICS)
THE FATIGUE AND STATIC PROPERTIES OF BUTT WELDS IN STRUCTURAL STEELS.
AD-628 154 11F T 66 07 MF$ 0.75

WELDS, FATIGUE(MECHANICS)
EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

WELDS, HEAT TREATMENT
ELECTRO-SLAG WELDING OF REACTOR STEELS.
EURAEC-1242 13H U 41 07 HC$ 3.00 MF$ 0.75

DETERMINATION OF THE EFFECTS OF A THERMAL STERILIZATION PROCESS ON THE MECHANICAL AND ELECTRICAL PROPERTIES OF SOLDERED AND WELDED JOINTS.
N66-12854 13H U 41 08 HC$ 6.00 MF$ 1.50

WELDS, METALLOGRAPHY
ELECTRO-SLAG WELDINGS OF REACTOR STEELS.
EURAEC-1166 13H U 41 07 HC$ 3.00 MF$ 0.75

WEST GERMANY, COMMERCE
GERMANY (FEDERAL REPUBLIC OF).
PB-169 262 5C U 41 07 HC$ 7.00 MF$ 1.50

WEST GERMANY, FOREIGN POLICY
GERMANY IN AMERICAN FOREIGN POLICY.
AD-629 569 5D T 66 08 HC$ 2.00 MF$ 0.50

WET CELLS, ELECTROCHEMISTRY
CHEMOELECTRIC ENERGY CONVERSION FOR NONAQUEOUS RESERVE BATTERIES.
AD-628 999 10C T 66 08 HC$ 2.60 MF$ 0.50

WHISKERS(CRYSTALS), ZINC
SIZE EFFECTS IN RESIDUAL RESISTANCE RATIOS FOR ZINC 'WHISKERS'.
AD-629 701 20B T 66 08

WHISTLERS, UPPER ATMOSPHERE
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROBURENT, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

WHISTLERS, VERY LOW FREQUENCY
OBSERVATIONS OF WHISTLERS AND VLF EMISSIONS AT GODHAVN AND NARSSARSSUAQ, GREENLAND AND AT TROMSO, NORWAY IN 1963.
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75

WHOLE BODY IRRADIATION, KIDNEYS
SUPPRESSION OF DNA SYNTHESIS IN WEANLING RAT KIDNEYS BY SHORT-TERM FASTING.
AD-628 360 6P T 66 07 HC$ 2.60 MF$ 0.50

WHOLE BODY IRRADIATION, METABOLISM
METABOLIC CHANGES IN HUMANS FOLLOWING TOTAL BODY IRRADIATION.
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50

WIND TUNNEL MODELS, SUSPENSION DEVICES
METHODS OF CONTROLLING THE ROLL DEGREE OF FREEDOM IN A WIND TUNNEL MAGNETIC BALANCE. PART I. PRODUCTION OF ROLLING MOMENTS.
AD-628 570 14B T 66 07 HC$ 4.60 MF$ 0.50

WIND TUNNELS, CORRECTIONS
A SURVEY OF V/STOL WIND TUNNEL WALL CORRECTIONS AND TEST TECHNIQUES.
AD-629 004 14B T 66 08 HC$ 3.00 MF$ 0.75

WIND, CONVECTION(HEAT TRANSFER)
ON THE EFFECTS OF THE VERTICAL WIND SHEAR ON THE DEVELOPMENT AND STRUCTURE OF CONVECTION.
AD-628 223 4B T 66 07 HC$ 1.00 MF$ 0.50

WIND, DIFFUSION
A PARTICULATE DIFFUSION EXPERIMENT.
AD-628 609 4B T 66 07

WIND, EXTERIOR BALLISTICS
BALLISTIC WINDS STUDY.
AD-629 277 19D T 66 08 HC$ 3.60 MF$ 0.50

WIND, MEASURE MENT
THE COORDINATE-DOPPLER METHOD OF WIND OBSERVATION.
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50

WIND, MEASUREMENT
HOPI-DART AND CAJUN-DART ROCKET WIND MEASURING SYSTEMS.
N66-11197 4A U 41 08 HC$ 1.00 MF$ 0.50

METEOR WINDS MEASURED AT ADELAIDE 35 DEGS 1961.
N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00

WIND, RADIOACTIVE FALLOUT
THE INFLUENCE OF LOCAL WINDS ON FALLOUT.
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50

WIND, STRATOSPHERE
LIGHT WINDS IN THE STRATOSPHERE (15-24 KM). PART 3.
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75

WIND, WEATHER FORECASTING
FORECASTING NORTHERLY WINDS IN NORTHERN AND CENTRAL CALIFORNIA.
PB-169 375 4B U 41 08 HC$ 1.60 MF$ 0.50

WINGS, DIHEDRAL ANGLE
EFFECTS OF WING PLANFORM ON THE AERODYNAMIC CHARACTERISTICS

OF A WING-BODY -TAIL MODEL AT MACH NUMBERS FROM 1.70 TO 4.63.
N66-12153 1C U 41 07 HC$ 3.00 MF$ 0.75

WINGS, HYPERSONIC FLOW
WINGS IN HYPERSONIC FLOW,
AD-628 303 20D T 66 07 HC$ 3.60 MF$ 0.50

WINGS, TITANIUM ALLOYS
FATIGUE BEHAVIOR OF TI-8AL-1MO-1V SHEET IN A SIMULATED WING STRUCTURE UNDER THE ENVIRONMENT OF A SUPERSONIC TRANSPORT.
N66-10606 11F U 41 07 HC$ 3.00 MF$ 0.75

WING-BODY CONFIGURATIONS, AERODYNAMIC CHARACTERISTICS
EFFECTS OF WING PLANFORM ON THE AERODYNAMIC CHARACTERISTICS OF A WING-BODY -TAIL MODEL AT MACH NUMBERS FROM 1.70 TO 4.63.
N66-12153 1C U 41 07 HC$ 3.00 MF$ 0.75

WOOD, BEAMS(STRUCTURAL)
SHEAR DEFLECTION OF WOOD BEAMS,
AD-628 545 13M T 66 07

WOOD, PRESERVATION
EXPERIMENTAL WOOD PILING TREATMENTS FY-64,
AD-456 491 11L U 41 07 HC$ 1.00

WORD ASSOCIATION, VERBAL BEHAVIOR
SOME OBSERVATIONS ON THE USE OF FREE WORD ASSOCIATIONS IN THE SELECTION OF WORDS IN THE CONSTRUCTION OF SENTENCES.
AD-628 850 5J T 66 07 HC$ 1.00 MF$ 0.50

SOME DATA ON CONTROLLED ASSOCIATION,
AD-628 851 5J T 66 07 HC$ 1.00 MF$ 0.50

INCIDENTAL LEARNING WITH WORD PAIRS VARYING IN ASSOCIATIVE OVERLAP AND CATEGORY MEMBERSHIP.
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50

FURTHER STUDY OF ASSOCIATIVE REACTIONS TO COMPOUND VERBAL STIMULI.
AD-628 853 5J T 66 07 HC$ 1.00 MF$ 0.50

WORK FUNCTIONS, MEASUREMENT
REPORT ON NRL PROGRESS,
PB-168 986 14B U 41 07 HC$ 1.25 MF$ 0.50

WOUNDS + INJURIES, TISSUES(BIOLOGY)
INJURY MECHANISM OF INTERNAL ORGANS OF ANIMALS EXPOSED TO SINUSOIDAL VIBRATION,
AD-628 949 6S T 66 08

X RAY SPECTROSCOPY, IGNEOUS ROCK
OXYGEN DETERMINATIONS IN SILICATES AND TOTAL MAJOR ELEMENTAL ANALYSIS OF ROCKS BY SOFT X-RAY SPECTROMETRY,
AD-629 074 8G T 66 08

X RAYS, GALAXIES
THE DISTRIBUTION OF X-RAY SOURCES IN THE GALAXY,
AD-628 471 4B T 66 07

X RAYS, SOLAR RADIATION
A COMPARISON BETWEEN SOLAR X-RAY EMISSION AND VLF SUDDEN PHASE ANOMALIES,
AD-629 315 4A T 66 08

XENON, LASERS
STRONG 3.27-UPSILON LASER OSCILLATION IN XENON,
AD-629 161 20E T 66 08

XENON, METEORITES
XENON AND KRYPTON IN THE BRUDERHEIM METEORITE,
AD-628 594 8G T 66 07

XENON, POLARIZATION
METASTABLE TRIPLET-P2 RARE GAS POLARIZABILITIES,
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

X-RAY DIFFRACTION ANALYSIS, COPPER
ON THE MEANING OF THE FAULT PARAMETERS MEASURED BY X-RAYS: I. STRAIN DISTRIBUTIONS IN SHOCK-LOADED SINGLE CRYSTALS OF COPPER: II.
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50

X-RAY DIFFRACTION ANALYSIS, PROGRAMMING(COMPUTER)
X-RAY DIFFRACTION COMPUTER PROGRAMS FOR THE CDC 3600 AND THE IBM 7094,
AD-628 496 9B T 66 07 HC$ 3.00 MF$ 0.75

X-RAY SPECTROSCOPY, INSTRUMENTATION
SOME NOTES ON ULTRASOFT X-RAY FLUORESCENCE ANALYSIS, 10 TO 100 A REGION,
AD-628 745 20F T 66 07

X-RAY SPECTROSCOPY, QUANTITATIVE ANALYSIS
REPORT OF NRL PROGRESS,
PB-168 622 14B U 41 07 HC$ 1.25 MF$ 0.50

X-RAY SPECTROSCOPY, SOLIDS
MODERN SPECTROSCOPY OF SOLIDS,
AD-629 030 20F T 66 08

X-RAY SPECTRUM, BORON
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION SPECTRUM OF BORON,
AD-628 382 7D T 66 07 HC$ 1.60 MF$ 0.50

X-RAYS, MIRRORS
ORIGIN OF ANOMALOUS SURFACE REFLECTION OF X RAYS,
AD-629 257 20H T 66 08

X-RAYS, SOURCES
THE DEVELOPMENT OF A SOURCE OF VACUUM ULTRAVIOLET AND SOFT X-RADIATION,
N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50

YTTERBIUM, PARAMAGNETIC RESONANCE
PARAMAGNETIC RESONANCE OF YB(3+) IN CAWO4,
AD-628 363 20L T 66 07

YTTERBIUM, SPECTROSCOPY
SPECTRA OF DOUBLY AND TRIPLY IONIZED YTTERBIUM, YB III AND YB IV,
AD-629 333 7D T 66 08

YTTRIUM, RADIOACTIVE DECAY
LEVELS OF SR85 POPULATED IN THE DECAY OF Y85 AND Y85M,
AD-629 576 18H T 66 08 HC$ 4.60 MF$ 0.50

ZINC COMPOUNDS, SULFIDES
REGLES DE SELECTION POUR LA DIFFUSION RAMAN ET L'ABSORPTION INFRAROUGE DANS LA WURTZITE,
AD-629 702 20L T 66 08

ZINC, NUCLEAR MOMENTS
MEAN-SQUARE NUCLEAR DISPLACEMENT OF FE57 IN ZN FROM THE MOSSBAUER EFFECT,
AD-628 825 20H T 66 07

ZINC, RESISTANCE(ELECTRICAL)
SIZE EFFECTS IN RESIDUAL RESISTANCE RATIOS FOR ZINC 'WHISKERS',
AD-629 701 20B T 66 08

ZIRCONIUM ALLOYS, COPPER ALLOYS
PROPERTY INVESTIGATION OF COPPER BASE ALLOYS AT AMBIENT AND ELEVATED TEMPERATURES,
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50

ZIRCONIUM ALLOYS, THERMAL EXPANSION
THERMAL EXPANSION AND PREFERRED ORIENTATION IN ZIRCALOY,
WAPD-TM-472 11F U 41 08 HC$ 2.00 MF$ 0.50

ZIRCONIUM COMPOUNDS, CHLORIDES
THERMODYNAMIC AND ELECTROCHEMICAL PROPERTIES OF ZIRCONIUM CHLORIDES IN ALKALI CHLORIDE MELTS,
AD-628 251 7D T 66 07

ZIRCONIUM COMPOUNDS, THERMODYNAMICS
THE THERMODYNAMICS OF THE ZIRCONIA/ZIRCONIUM-OXYGEN VAPOR SYSTEM,
AD-629 570 11B T 66 08 HC$ 2.00 MF$ 0.50

PERSONAL AUTHOR INDEX

AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

ABBISS, C. P.
REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE,
AD-629 252 7D T 66 08

ABBOTT, B. W.
EFFECT OF CUMULATIVE DAMAGE ON THE BIAXIAL COMPRESSIVE FATIGUE PERFORMANCE OF FILAMENT WOUND LAMINATES.
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50

ABELLA, I. D.
PHOTON ECHOES.
AD-629 445 20E T 66 08

ABE, A.
STEREOREGULARITY AND UNPERTURBED DIMENSIONS OF ISOTACTIC POLY-ALPHA-OLEFINS,
AD-629 281 11I T 66 08

ABRAMSON, H. NORMAN
SOME COMPARISONS OF SLOSHING BEHAVIOR IN CYLINDRICAL TANKS WITH FLAT AND CONICAL BOTTOMS.
AD-629 285 20D T 66 08 HC$ 1.60 MF$ 0.50

ABU-SAMRA, A.
ANALYSIS OF A DAMASCUS STEEL BY NEUTRON AND GAMMA ACTIVATION,
IS-1105 7E U 41 07 HC$ 1.00 MF$ 0.50

ACKERMANN, R. J.
A THERMODYNAMIC STUDY OF THE URANIA -URANIUM SYSTEM,
ANL-7048 7B U 41 08 HC$ 2.00 MF$ 0.50

ADEY, W. R.
ELECTROPHYSIOLOGICAL PATTERNS AND CEREBRAL IMPEDANCE CHARACTERISTICS IN ORIENTING AND DISCRIMINATIVE BEHAVIOR,
AD-628 403 6P T 66 07

ADLER, CYRUS
A SHALLOW WATER ISOBARIC BUOY.
AD-628 782 14B T 66 07 HC$ 6.60 MF$ 0.75

ADLER, I.
ABSORPTION TABLES FOR ELECTRON PROBE MICROANALYSIS,
N65-35830 20F U 41 07 HC$ 6.00 MF$ 1.50

ADLER, R. W.
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT.
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

AFFINITO, F. J.
APPARENT MOVEMENT PHENOMENA ON CRT DISPLAYS - THRESHOLD DETERMINATIONS OF APPARENT MOVEMENTS OF PULSED LIGHT SOURCES,
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50

AFUSO, CHUSHIN
AN APPLICATION OF INTERCOUPLED-TRANSMISSION-LINE-AMPLIFIER.
AD-628 670 9E T 66 07 HC$ 1.00 MF$ 0.50

AGNEW, F. R.
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III.
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

AGNEW, HARMAN W.
SLEEP PATTERNS IN YOUNG ADULTS: AN EEG STUDY,
AD-628 254 6E T 66 07

THE EFFECTS OF STAGE FOUR SLEEP DEPRIVATION,
AD-629 171 6P T 66 08

AN ELECTROENCEPHALOGRAPHIC STUDY OF THE EFFECTS OF MEPROBAMATE ON HUMAN SLEEP,
AD-629 563 6O T 66 08

AIKIN, A. C.
THE LOWER IONOSPHERE AT SOLAR MINIMUM,
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50

AINSWORTH, E. JOHN
RECOVERY FROM RADIATION INJURY IN DOGS AS EVALUATED BY THE SPLIT-DOSE TECHNIQUE,
AD-628 791 6R T 66 07 HC$ 2.00 MF$ 0.50

AKASHI, H.
PERFORMANCE OF HUMAN OPERATORS UNDER VARIOUS SYSTEM PARAMETERS,
N66-10758 5H U 41 08 HC$ 2.00 MF$ 0.50

AKERS, L. K.
ELECTRODEPOSITION OF ACTINIDES AND LANTHANIDES,
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50

AKE, NELSON E.
HIGH SPEED POWER AMPLIFIER USING AN ELECTRON SWITCHED P-N

ALBE-FESSARD, DENISE
RESPONSES OF MONKEY THALAMUS TO SOMATIC STIMULI UNDER CHLORALOSE ANAESTHESIA,
AD-628 368 6P T 66 07

INHIBITION OF NONSPECIFIC SENSORY ACTIVITIES FOLLOWING STRIOPALLIDAL AND CAPSULAR STIMULATION,
AD-629 092 6P T 66 08

ELECTROPHYSIOLOGIC STUDIES OF THE BASAL GANGLIA AND STRIOPALLIDAL INHIBITION OF NON-SPECIFIC AFFERENT ACTIVITY,
AD-629 093 6P T 66 08

ALBINI, F. A.
DIGITAL SIMULATION OF NOISE IN ANALOGUE SYSTEMS.
AD-628 819 9B T 66 07 HC$ 1.60 MF$ 0.50

ALBUM, H. HARVEY
PITOT AND STATIC PRESSURE MEASUREMENTS IN THE SEPARATED REGION OF SPIKED CYLINDER IN HYPERSONIC FLOW.
AD-628 683 20D T 66 07 HC$ 3.00 MF$ 0.75

ALEJO, LEON G.
PRELIMINARY REPORT ON ABNORMAL HEMOGLOBINS IN FILIPINOS,
AD-628 152 6E T 66 07

ALEKSEEV, S. I.
METHOD OF MEASURING THE TEMPERATURE OF OBJECTS OF DIFFICULT ACCESS AT TIME OF OPERATION,
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50

ALEKSIN, V. F.
DIFFUSION OF A FULLY IONIZED PLASMA ACROSS A MAGNETIC FIELD.
AD-628 968 20I T 66 08 HC$ 1.00 MF$ 0.50

ALEXANDER, E.
3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM,
AD-629 233 3B T 66 08

ALLAS, R. G.
THE NRL CYCLOTRON PROGRAM, REPORT OF PROGRESS, SEPTEMBER 1, 1965.
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50

ALLENDORF, H. DONALD
HIGH-TEMPERATURE KINETICS OF GRAPHITE OXIDATION BY DISSOCIATED OXYGEN.
AD-628 282 11B T 66 07

KINETIC AND AERODYNAMIC ASPECTS OF THE OXIDATION OF MATERIALS BY PARTIALLY DISSOCIATED GASES.
AD-628 515 11B T 66 07 HC$ 2.60 MF$ 0.50

ALLENDORF, H. D.
THE OXIDATION OF PYROLYTIC GRAPHITE AT TEMPERATURES OF 1400-1800F AND AT AIR VELOCITIES OF 25-100 CM/SEC,
AD-628 276 11B T 66 07

ALLEN, C. M.
A STUDY OF SLEEVE BEARINGS IN AIRCRAFT SUPPORT STRUCTURES.
AD-628 937 13I T 66 08 HC$ 2.00 MF$ 0.50

ALLEN, GORDON P.
EXPERIMENTAL STUDY OF END EFFECT AND PRESSURE PATTERNS IN HELICAL GROOVE FLUID FILM SEAL (VISCOSEAL).
N66-10333 11A U 41 07 HC$ 1.00 MF$ 0.50

ALLEN, J. L.
PHASED ARRAY RADAR STUDIES, 1 JANUARY 1963 TO 1 JULY 1964.
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

ALLEN, T. J.
RESEARCH PROGRAM ON THE ORGANIZATION AND MANAGEMENT OF R AND D. PROBLEM SOLVING STRATEGIES IN PARALLEL RESEARCH AND DEVELOP- MENT PROJECTS,
N66-10635 14A U 41 08 HC$ 2.00 MF$ 0.50

ALLEN, WILLIAM H.
DICTIONARY OF TECHNICAL TERMS FOR AEROSPACE.
N66-10413 1B U 41 07 HC$ 3.00 MF$ 1.75

ALLER, LAWRENCE H.
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE. III. THE LOW-EXCITATION RING PLANETARY IC 418,
AD-628 456 4B T 66 07

ALLER, L. H.
SOME ASPECTS OF THE ABUNDANCE PROBLEM IN PLANETARY NEBULAE,
AD-628 457 4B T 66 07

SOME PROBLEMS OF PLANETARY NEBULAE,
AD-628 828 3B T 66 07

ALLISON, D. R.
STUDIES OF RF SCATTERING PROCESSES FROM IONIZED UPPER ATMOSPHERIC PERTURBATIONS.
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00

ALPEN, E. L.
A NEW INSTRUMENT FOR PRECISION CYTOPHOTOMETRY.
AD-628 927 6C T 66 08 HC$ 2.00 MF$ 0.50

ALSHITS, I. M.
POLYESTER GLASS PLASTICS FOR SHIPBUILDING.
AD-628 097 13J T 66 07 HC$ 6.00 MF$ 1.25

ALTITUD, S. P.
SURVEY OF COSMIC-RAY INTENSITY IN THE LOWER ATMOSPHERE.
AD-628 884 4A T 66 08

ALTMAN, JEROME L.
WAVEGUIDE TRANSMISSION CAVITY WITH LOSSES.
AD-628 773 20N T 66 07 HC$ 2.00 MF$ 0.50

ALVORD, RAY W.
USAF OFFICER EVALUATION SYSTEM SURVEY: ATTITUDES AND EXPERIENCE.
AD-628 551 5I T 66 07 HC$ 8.60 MF$ 0.75

AMATEAU, M. F.
A STUDY OF SLEEVE BEARINGS IN AIRCRAFT SUPPORT STRUCTURES.
AD-628 937 13I T 66 08 HC$ 2.00 MF$ 0.50

AMBLER, ROASLIE K.
VALIDITY OF PERSONALITY INVENTORIES IN THE NAVAL AVIATION SELECTION PROGRAM.
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50

AMES P.
TEST OF A TRUSS-CORE SANDWICH CYLINDER LOADED TO FAILURE IN BENDING.
N66-13021 J20K,U 41 07 HC$ 2.00 MF$ 0.50

AMMERMAN, HARRY L.
PERFORMANCE AIDS FOR JUNIOR OFFICERS.
AD-629 304 5I T 66 08 HC$ 2.60 MF$ 0.50

AMME, ROBERT C.
EFFECTS OF ION BEAM EXCITATION ON CHARGE TRANSFER CROSS SECTION MEASUREMENTS.
N65-17280 20H U 41 07 HC$ 1.00 MF$ 0.50

AMUNDSON, NEAL R.
AN ANALYSIS OF CHEMICAL REACTOR STABILITY AND CONTROL.
PB-169 137 7A U 41 07 HC$ 4.00 MF$ 0.75

ANAGNOST, CHRIST J.
DIRECT COUPLED LOGIC CIRCUIT.
PATENT 3,218,470 9A U 41 07

ANASTOS, GEORGE
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE, VOLUME 5, NO. 2.
AD-629 374 6C T 66 08 HC$ 1.00 MF$ 0.50

AMBAR, MICHAEL
ULTRASOUND CHEMICAL EFFECTS ON PURE ORGANIC LIQUIDS.
AD-629 295 7C T 66 08

ANDERSEN, HAROLD R.
A HISTORICAL REVIEW OF THE BUBBLE THEORY OF THE ETIOLOGY OF DECOMPRESSION SICKNESS AS RELATED TO HIGH ALTITUDE EXPOSURE.
AD-628 751 6E T 66 07 HC$ 2.00 MF$ 0.50

ANDERSON, DAVID
THREE COMPUTER PROGRAMS FOR CONTIGUITY MEASURES.
AD-628 612 8B T 66 07 HC$ 3.60 MF$ 0.50

ANDERSON, E.
THE EFFECT OF RADIATION ON THE DUCTILEBRITTLE TRANSITION IN PRESSURE VESSEL STEELS.
EURAEC-1218 11F U 41 07 HC$ 2.00 MF$ 0.50

ANDERSON, GEORGE P.
QUARTERLY REPORT.
AD-628 190 20L T 66 07 HC$ 1.10 MF$ 0.50

ANDERSON, GORDON D.
PHASE DETECTOR ASSEMBLY.
PATENT 3,218,479 9E U 41 07

ANDERSON, G. D.
INVESTIGATION OF EQUATION OF STATE OF POROUS EARTH MEDIA.
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00

ANDERSON, LEON R.
REINFORCED PLASTIC LANDING GEAR FOR UH-1 HELICOPTER.
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00

ANDERSON, L. J.
REFLECTOR SURFACE DEVIATIONS IN LARGE PARABOLIC ANTENNAS.
AD-629 410 9E T 66 08

ANDERSON, N. G.
SEMIANNUAL CONTRACT PROGRESS REPORT TO THE NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, MARCH 1-SEPTEMBER 15, 1965.
ORNL-3883 6M U 41 07 HC$ 2.00 MF$ 0.50

ANDERSON, ROLAND C.
A STUDY OF THE KAMAN DYNAMIC ANTIRESONANT VIBRATION ISOLATOR.
AD-629 636 13I T 66 08 HC$ 6.00 MF$ 1.50

ANDERSON, R.
THE DESIGN OF AN OMNIDIRECTIONAL ANTENNA SYSTEM FOR THE APOLLO SPACECRAFT.
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25

ANDERSON, WARREN F.
FEASIBILITY OF APPLICATION OF TITANIUM TO WIRE CABLE FABRICATION.
AD-628 070 13H T 66 07 HC$ 1.00 MF$ 0.50

ANDERSON, WILLIAM J.
BEARING LIFE AND FAILURE DISTRIBUTION AS AFFECTED BY ACTUAL COMPONENT DIFFERENTIAL HARDNESS.
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50

ANDERSON, W. J.
ROLLING-CONTACT LUBRICATION STUDIES WITH POLYPHENYL ETHERS AT REDUCED PRESSURE.
N66-12142 11H U 41 08 HC$ 1.00 MF$ 0.50

ANDREEV, N. V.
CONCERNING THE HISTORY OF ZONING OF RUSSIA.
AD-628 532 8F T 66 07 HC$ 1.00 MF$ 0.50

ANDREWS, J. E.
DEVELOPMENT OF COLOR MARKER HEADS FOR THE 2.75-INCH ROCKET.
AD-629 037 19A T 66 08 HC$ 9.60 MF$ 0.75

ANDREWS, PAUL A.
AN ANOMALY IN THE RESISTIVITY-TEMPERATURE PROFILE OF ULTRAPURE PHENANTHRENE.
AD-628 634 20L T 66 07

ANDREWS, T. G.
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE.
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

ANDRUS, ALVIN F.
A MINE SWEEPER COMPUTER SIMULATION.
AD-629 351 15G T 66 08 HC$ 5.60 MF$ 0.75

ANGELAKOS, E. T.
ANTIARRHYTHMIC ACTIVITY OF ANTAZOLINE AND ITS APPLICATION TO THE CONTROL OF HYPO- THERMIC VENTRICULAR FIBRILLATION.
AD-629 548 6O T 66 08 HC$ 2.00 MF$ 0.50

ANGERMAN, C. L.
EFFECT OF MICROSTRUCTURE ON CAVITATIONAL SWELLING OF DILUTE URANIUM ALLOYS.
CONF-650904-4 18J U 41 08 HC$ 1.00 MF$ 0.50

ANGGARD, L.
ANALYSIS OF PRENATAL SPINAL REFLEX ACTIVITY IN SHEEP.
AD-629 561 6P T 66 08

ANG, A.
A NONLINEAR PROGRAMMING APPROACH TO THE MINIMUM WEIGHT ELASTIC DESIGN OF STEEL STRUCTURES.
PB-169 207 13M U 41 07 HC$ 4.00 MF$ 0.75

ANIKEEFF, ALEX M.
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75

ANTONIDES, GARY P.
LONGITUDINAL VIBRATION OF PROPULSION SYSTEM ON USS SIMON LAKE (AS-33).
AD-629 273 13J T 66 08 HC$ 3.60 MF$ 0.50

APPLEGATE, VERNON C.
METHOD FOR CONTROLLING PETROMYZON MARINUS.
PATENT 3,219,521 6F U 41 07

ARABASZ, S. J.
PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS.
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50

ARABASZ, WALTER J.
PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS.
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50

ARCENEAUX, RICHARD L.
WATER SOLUBLE CARBAMATE-FORMALDEHYDE CONDENSATE.
PATENT 3,219,632 11E U 41 07

ARDUINI, A.
PHYSIOLOGY OF CENTRAL VISUAL PATHWAYS.
AD-628 081 6P T 66 07 HC$ 3.00 MF$ 0.50

ARENDT, P. R.
COMPARISON OF EXPERIMENTAL DATA OF THE EFFECTIVE ION MASS IN THE UPPER IONOSPHERE WITH A THEORETICAL STRUCTURE.
AD-628 602 4A T 66 07

ARENS, W. E.
STUDY OF MARS AND VENUS ORBITER MISSIONS LAUNCHED BY THE 3-STAGE SATURN C-1 B VEHICLE, VOLUME III.
N66-10887 22A U 41 08 HC$ 8.00 MF$ 2.50

ARIS, RUTHERFORD
AN ANALYSIS OF CHEMICAL REACTOR STABILITY AND CONTROL.
PB-169 137 7A U 41 07 HC$ 4.00 MF$ 0.75

ARKADOV, YU. K.
GAS EJECTOR.
AD-629 475 13K T 66 08 HC$ 1.10 MF$ 0.50

ARMINGTON, ALTON F.
AN ANOMALY IN THE RESISTIVITY-TEMPERATURE PROFILE OF ULTRAPURE PHENANTHRENE.
AD-628 634 20L T 66 07

ARMSTRONG, G. M.
DEVELOPMENT OF A LOW TEMPERATURE BATTERY FOR SPACE PROBE

APPLICATIONS.
N66-12347 10C U 41 08 HC$ 4.00 MF$ 1.00

ARNETT, L. M.
CONTROL OF THE DISSOLVED GASES IN THE MODERATOR OF THE HEAVY WATER COMPONENTS TEST REACTOR.
DP-988 18I U 41 08 HC$ 2.00 MF$ 0.50

ARPIGNY, C.
THE LAMBDA 4300 BAND OF CH IN THE SPECTRUM OF COMET IKEYA (1963A).
AD-628 813 3B T 66 07 HC$ 2.60 MF$ 0.50

THE ROTATIONAL AND VIBRATIONAL 'TEMPERATURES' OF C2 IN COMETS.
AD-628 814 3B T 66 07 HC$ 2.60 MF$ 0.50

ARTHUR, RANSOM J.
PSYCHIATRIC RE-EXAMINATION OF UNSUITABLE NAVAL RECRUITS: A TWO-YEAR FOLLOW-UP.
AD-628 754 5I T 66 07

DEPRESSION IN THE OFFICER PATIENT.
AD-628 755 6E T 66 07

THE NAVAL MEDICAL OFFICER AS A PSYCHIATRIC PATIENT.
AD-628 756 6E T 66 07

ASARS, J. A.
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

ASH, M. E.
GENERATION OF THE LUNAR EPHEMERIS ON AN ELECTRONIC COMPUTER.
AD-629 047 3A T 66 08 HC$ 2.00 MF$ 0.50

GENERATION OF PLANETARY EPHEMERIDES ON AN ELECTRONIC COMPUTER.
AD-629 130 3A T 66 08 HC$ 8.60 MF$ 0.75

ASSARD, GERALD L.
MEASUREMENTS OF THE SPATIAL CORRELATION OF AMBIENT NOISE USING A DEEP-SUBMERGENCE VEHICLE (DIVING SAUCER SP-300).
AD-628 938 20A T 66 08 HC$ 1.00 MF$ 0.50

AUER, BRUCE M.
ANALYSIS OF LOW-TEMPERATURE DIRECT-CONDENSING VAPOR-CHAMBER FIN AND CONDUCTING FIN RADIATORS.
N66-10748 22B U 41 07 HC$ 3.00 MF$ 0.50

AUGUSTINE, F.
STUDY OF THIN FILM LARGE AREA PHOTOVOLTAIC SOLAR ENERGY CONVERTER.
N66-10926 10A U 41 08 HC$ 2.00 MF$ 0.50

AULT, CLIFFORD M.
FABRICATION AND EVALUATION OF VACUUM DEPOSITED CERMET (CR-SIO) RESISTORS.
AD-629 128 9A T 66 08 HC$ 3.00 MF$ 0.50

REFINEMENT OF NAFI THIN FILM PRODUCTION TECHNIQUES.
AD-629 274 9A T 66 08 HC$ 2.00 MF$ 0.50

AULT, C. M.
SILICON MONOXIDE BAFFLED BOX EVAPORATION SOURCE CAPABILITY.
AD-629 706 13H T 66 08 HC$ 2.60 MF$ 0.50

AULT, WALDO C.
WETTING AGENTS AND SURFACE ACTIVE COMPOSITIONS THEREFROM.
PATENT 3,219,584 11K U 41 07

AUSLANDER, JOSEPH
GENERALIZED RECURRENCE IN DYNAMICAL SYSTEMS.
AD-629 269 12A T 66 08

AUSTIN, J. DUDLEY
OZONE: A NEW CLEAVAGE REAGENT FOR ORGANOSILANES.
AD-629 485 7C T 66 08

AUZINS, PETERIS
A HYDROGEN-CONTAINING TRAPPED HOLE CENTER IN MAGNESIUM OXIDE.
AD-629 658 20L T 66 08

AUZINS, PETERIS V.
SPIN STATES OF TRIVALENT CHROMIUM WITH TETRAGONAL SYMMETRY IN MGO.
AD-629 659 20L T 66 08

TRAPPED HOLE CENTER CONTAINING FLUORINE IN MAGNESIUM OXIDE.
AD-629 661 20L T 66 08

AVEN, M.
NEW SOLID-STATE DEVICE CONCEPTS.
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50

AVERY, DONALD L.
INFORMATION TRANSMISSION IN A PATTERN DISCRIMINATION TASK AS A FUNCTION OF INITIAL TASK DIFFICULTY.
AD-628 109 5J T 66 07

AVERY, H. E.
REACTION OF OXYGEN ATOMS WITH ACETALDEHYDE.
AD-629 748 7C T 66 08

AVRON, MORDHAY
ON THE OXIDATION-REDUCTION POTENTIAL OF THE PHOTOPRODUCED REDUCTANT OF ISOLATED CHLOROPLASTS.
AD-629 288 6A T 66 08

AZIZ, O.
UBER DAS UNTERSCHIEDLICHE VERHALTEN DER DIURESE BEI INTRAPORTALEN UND INTRACAVALEN INFUSIONEN VON WASSER UND 0,9O/O NACLLOSUNG AN DER WACHEN RATTE (THE DIFFERENT DIURETIC EFFECTS OF WATER AND ISOTONIC SALINE INFUSION INTO THE PORTAL VEIN AND VENA CAVA OF THE UNANESTHETIZED RAT).
AD-628 372 6P T 66 07

BACCONNET, EUGENE
MOBILITE DES IONS RB(+) ET CS(+) DANS LES GAZ A HAUTE PRESSION (MOBILITY OF RB(+) AND CS(+) IONS IN GASES AT HIGH PRESSURES).
PB-169 226 18K U 41 08 HC$ 3.00 MF$ 0.75

BACH, R. E.
RELIABLE SOLID-STATE CIRCUITS.
N66-11799 9E U 41 08 HC$ 3.00 MF$ 0.75

BACIGALUPI, ROBERT J.
DEPENDENCE OF ADSORPTION PROPERTIES ON SURFACE STRUCTURE FOR BODY-CENTERED-CUBIC SUBSTRATES.
N66-12528 7D U 41 07 HC$ 1.00 MF$ 0.50

BACKUS, MILO M.
BASIC RESEARCH IN CRUSTAL STUDIES.
AD-628 385 8K T 66 07 HC$39.20 MF$ 1.75

BACK, KENNETH C.
THE EFFECT OF INJECTED MONOMETHYLHYDRAZINE ON PRIMATE PERFORMANCE.
AD-628 048 6T T 66 07 HC$ 1.00 MF$ 0.50

BACRNS, MANFRED G.
THE EFFECT OF INTERPARTICLE FORCES ON THE FLUIDIZATION OF FINE PARTICLES.
ANL-7086 7A U 41 08 HC$ 2.00 MF$ 0.50

BAGGERLY, LEO L.
INVESTIGATIONS OF ELECTRON INTERACTIONS WITH MATTER. PART I. BREMSSTRAHLUNG PRODUCTION IN ALUMINUM AND IRON. PART II. ELECTRON SCATTERING IN ALUMINUM.
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75

BAHCALL, JOHN N.
NEUTRON STARS. I. PROPERTIES AT ABSOLUTE ZERO TEMPERATURE.
AD-628 459 3B T 66 07

BAHCALL, JOHN N.
NEUTRON STARS. II. NEUTRINO-COOLING AND OBSERVABILITY.
AD-628 460 3B T 66 07

EXCHANGE AND OVERLAP EFFECTS IN ELECTRON CAPTURE RATIOS: PHYSICAL BASIS AND EXPERIMENTAL TESTS.
AD-628 461 20H T 66 07

ON THE INTERACTION OF RADIATION FROM DISTANT SOURCES WITH THE INTERVENING MEDIUM.
AD-628 475 3B T 66 07

BAHE, L. W.
DIELECTRIC CONSTANT OF HYDROGEN-BONDED LIQUIDS. IV. EQUILIBRIUM AND RELAXATION STUDIES OF HOMOLOGOUS NEO-ALCOHOLS.
AD-628 410 7D T 66 07

BAHIMAN, HOSSEIN
MEMBRANE ANALYSIS OF PRESSURIZED THIN SPHEROID SHELLS COMPOSED OF FLAT GORES, AND ITS APPLICATION TO ECHO II.
N65-35950 20K U 41 07 HC$ 1.00 MF$ 0.50

BAILEY, D. R.
STUDY OF HELICOPTER GEAR LUBRICATION.
AD-628 446 11H T 66 07 HC$ 2.60 MF$ 0.50

BAILEY, HARRY E.
EQUILIBRIUM THERMODYNAMIC PROPERTIES OF THREE ENGINEERING MODELS OF THE MARTIAN ATMOSPHERE.
N65-35792 3B U 41 07 HC$ 2.50 MF$ 1.00

BAILEY, W. G.
PRODUCTION ENGINEERING MEASURE FOR CAPACITORS, FEED-THROUGH, SOLID ELECTROLYTE TANTALUM PELLET.
AD-629 199 9A T 66 08 HC$ 1.00 MF$ 0.50

BAIRD, A. K.
OXYGEN DETERMINATIONS IN SILICATES AND TOTAL MAJOR ELEMENTAL ANALYSIS OF ROCKS BY SOFT X-RAY SPECTROMETRY.
AD-629 074 8G T 66 08

BAIR, JOHN T.
VALIDITY OF PERSONALITY INVENTORIES IN THE NAVAL AVIATION SELECTION PROGRAM.
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50

BAISAS, F. E.
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, P. I. II. A COMPREHENSIVE MOSQUITO SURVEY.
AD-628 105 6F T 66 07 HC$14.60 MF$ 1.00

KEYS TO THE ADULT FEMALE AND LARVAL ANOPHELINE MOSQUITOES OF THE PHILIPPINES.
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75

BAKER, DONALD M.
AN ATLAS OF SOLAR FLARE EFFECTS IN THE IONOSPHERE OBSERVED WITH A HIGH-FREQUENCY DOPPLER TECHNIQUE, SEPTEMBER 1960DECEMBER 1962.
C13.46:326 4A U 41 08 MF$ 0.75

BAKER, K. D.
RF PROBE TECHNIQUES FOR IONOSPHERIC MEASUREMENTS.

AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50

BAKER, R. M. L.
SOME ASPECTS OF HYPERALTITUDE PHOTOGRAMMETRY. REPORT NO. 1,
N66-12170 8B U 41 08 HC$ 4.00 MF$ 0.75

BAKER, W. A.
STRUCTURE AND MAGNETIC PROPERTIES OF TRANSITION AND LANTHANIDE METAL COMPOUNDS; UNUSUAL OXIDATION STATES.
AD-628 523 7D T 66 07 HC$ 1.60 MF$ 0.50

BAKSYA, I.
THE ARGONNE-REVISED THERMOS CODE,
ANL-7023 9B U 41 08 HC$ 4.00 MF$ 0.75

BALAI, N.
INSPECTION, EVALUATION, AND OPERATION OF THE EBWR REACTOR VESSEL,
ANL-7117 18I U 41 08 HC$ 3.00 MF$ 0.75

BALAKIR, R. A.
O-RING JOINT TUBES FOR PROTEIN-HYDROLYSATES.
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50

BALDWIN, B. R.
PRINCIPLES AND OPERATION OF THE ALIGNMENT INTERFEROMETER,
Y-1489 18D U 41 07 HC$ 2.00 MF$ 0.50

BALDWIN, G. C.
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER FOR LOW ENERGY COLLISION MEASUREMENTS.
AD-466 782 20F U 41 08 HC$ 3.00 MF$ 0.75

BALDWIN, G. D.
THERMAL OPTIC DISTORTION.
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50

BALDWIN, M. N.
NONUNIFORM TEMPERATURE EFFECTS ON THORIUM RESONANCE ABSORPTION.
BAW-3125-2 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-3 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-4 18K U 41 07 HC$ 3.00 MF$ 0.75

BALDWIN, R. G.
G G159 MINIATURE INTEGRATING GYRO STERILIZATION EXPOSURE STUDIES AT 300 DEG F.
N66-10616 14B U 41 08 HC$ 3.00 MF$ 0.75

BALDWIN, R. R.
THERMAL AND ISOTHERMAL EXPLOSIONS IN THE INHIBITION OF THE H2+02 REACTION BY HYDROCARBONS,
AD-629 245 7D T 66 08

BALKANSKI, M.
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS.
AD-629 201 20H T 66 08 HC$ 1.00 MF$ 0.50

BALLARD, N. H.
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50

BALLI, N. H.
GROUND SYSTEM EFFECT ON HIGH FREQUENCY ANTENNA PROPAGATION,
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50

BAMBERGER, ELCHANAN S.
EFFECT OF PHOSPHORYLATED COMPOUNDS AND INHIBITORS ON C02 FIXATION BY INTACT SPINACH CHLOROPLASTS,
AD-628 270 6A T 66 07

BANDER, MYRON
ABSORPTIVE CORRECTIONS AND FORM FACTORS IN THE PERIPHERAL MODEL,
AD-629 020 20H T 66 08

BANDZAITIS, A. A.
SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS.
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

BANKS, P.
THE ADENOSINE-TRIPHOSPHATASE ACTIVITY OF ADRENAL CHROMAFFIN,
AD-629 258 6A T 66 08

BANNISTER, PETER R.
THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS - PART II.
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50

THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS. PART III.
AD-629 620 9E T 66 08 HC$ 1.60 MF$ 0.50

BARBANO, NORMAND
ANTENNA STUDY FOR COVERT APPLICATIONS.
AD-629 148 9E T 66 08 HC$ 3.00 MF$ 0.75

BARCH, W. E.
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

BARDINA, V. P.
MODEL TESTS OF ELECTROCHEMICAL PROTECTION AGAINST CORROSION OF SHIPS' HULLS AND DETERMINATION OF EFFECT OF PROPELLERS ON THE CONDITIONS OF FUNCTIONING OF THIS PROTECTION,
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50

AN INVESTIGATION OF COATINGS USED AS ANODE SCREENS IN CATHODIC PROTECTION (ISSLEDOVANIYE POKRYTIY OLYA PRIMENENIYA IKH V KACHESTVYE OKOLOANODYNKH EKRANOV PRI KATODNOY ZASHCHITYE),
AD-628 196 11C T 66 07

BARDOS, D. I.
BETA-MANGANESE PHASES IN TERNARY SYSTEMS OF TRANSITION ELEMENTS WITH SILICON, GERMANIUM, OR TIN,
AD-628 648 11F T 66 07

ELECTRON PHASES IN CERTAIN TERNARY ALLOYS OF TRANSITION METALS WITH SILICON,
AD-628 649 11F T 66 07

BARDUSCH, RICHARD E.
A STUDY OF GEMINI-AGENA DOCKING USING A FIXED-BASE SIMULATOR EMPLOYING A CLOSED-CIRCUIT TELEVISION SYSTEM.
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50

BARLOW, RICHARD E.
TOLERANCE AND CONFIDENCE LIMITS FOR CLASSES OF DISTRIBUTIONS BASED ON FAILURE RATE.
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50

BARNAAL, DENNIS E.
MEASUREMENT BY NMR OF THE DIFFUSION RATE OF HF IN ICE,
AD-629 656 7D T 66 08

BARNAFI, L.
VASOPRESSOR AND OXYTOCIC ACTIVITIES IN HUMAN HYPOTHALAMUS, POSTERIOR AND ANTERIOR LOBES OF THE PITUITARY GLAND,
AD-629 559 6P T 66 08

BARNES, LARRY L.
ELECTRON EXCITATION CROSS SECTION OF THE 3-DOUBLET-S TO 3-DOUBLET-P TRANSITION OF SODIUM,
AD-628 406 7D T 66 07

BARNES, R. G.
CATALOG OF NUCLEAR QUADRUPOLE INTERACTIONS AND RESONANCE FREQUENCIES IN SOLIDS. PART II. HALOGEN RESONANCES IN ORGANIC COMPOUNDS,
IS-1222 7C U 41 07 HC$ 4.00 MF$ 0.75

BARON, NORTON
ELASTIC AND INELASTIC SCATTERING OF 40-MEV ALPHA PARTICLES FROM EVEN TIN ISOTOPES,
N65-35839 20H U 41 07 HC$ 2.00 MF$ 0.50

BARRANGER, JOHN
HYSTERESIS AND EDDY-CURRENT LOSSES OF A TRANSFORMER LAMINATION VIEWED AS AN APPLICATION OF THE POYNTING THEOREM.
N66-10338 11G U 41 07 HC$ 1.00 MF$ 0.50

BARRICK, D. E.
THEORETICAL CURVES OF BACKSCATTERING CROSS SECTIONS OF ROUGH SURFACES FOR SEVERAL POLARIZATION STATES USING TWO STATISTICAL MODELS,
N66-10957 20N U 41 08 HC$ 3.00 MF$ 0.50

BARRIE, ROBERT
PHONON BROADENING OF IMPURITY SPECTRAL LINES. III. DIAGRAM TECHNIQUE,
AD-628 519 20L T 66 07

BARRON, T. H. K.
TEMPERATURE FACTORS AND THERMODYNAMIC PROPERTIES OF CRYSTALS,
AD-629 745 20B T 66 08

BARSOTTI, IACOPO
METODI ANALITICI PER VARIETA ABELIANE IN CARATTERISTICA POSITIVA. CAPITOLI 3, 4 (ANALYTICAL METHODS FOR ABELIAN VARIETIES IN POSITIVE CHARACTERISTICS. CHAPTERS 3, 4),
AD-628 350 12A T 66 07

BARTHEL, HAROLD O.
EFFECTS OF MICROMETEOROID CRATERING ON THE DIRECTION OF THE AXIS OF MAXIMUM MOMENT OF INERTIA,
AD-628 208 22C T 66 07 HC$ 1.60 MF$ 0.50

BARTH, V. D.
TUNGSTEN POWDER METALLURGY.
N66-10415 11F U 41 07 HC$ 0.35 MF$ 0.50

BARTLETT, R. W.
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS.
N66-11767 7B U 41 08 HC$ 1.00 MF$ 0.50

BARTLEY, S. HOWARD
THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS,
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

BARTON, H. N.
ANALYSIS OF AMERICIUM FOR PLUTONIUM, THORIUM AND RARE EARTH IMPURITIES BY EMISSION SPECTROSCOPY,
RFP-414 7D U 41 08 HC$ 2.00 MF$ 0.50

BARTON, P. W.
IRON SINGLE CRYSTAL PREPARATION. PART I. THE PREPARATION OF THE CRYSTALS AND A STUDY OF THEIR MECHANICAL AND ELECTRICAL PROPERTIES AT LOW TEMPERATURES. PART II. SOME EXPERIMENTS ON THE USE OF THE ELECTROTRANSPORT PHENOMENON FOR THE FURTHER PURIFICATION OF ELECTRON BEAM ZONE-REFIN.
MRC-489-PTS-1-2 20L U 41 07 HC$ 3.00 MF$ 0.75

BARUCH, ANAHEM
EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS UNDER TORSION,

AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50

BARUT, A. O.
RENORMALIZED PERTURBATION SERIES OF ELECTRODYNAMICS FROM S-MATRIX THEORY,
AD-628 409 20J T 66 07

BASCHEK, BODO
EFFECTIVE TEMPERATURES AND GRAVITIES OF AP, AM, AND NORMAL A-TYPE STARS,
AD-629 376 3B T 66 08

BASCOM, W. D.
THE ADHESION OF ICE TO HYDROPHOBIC SURFACES.
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50

BASEVICH, V. YA.
FLAME PROPAGATION UNDER CONDITIONS OF AN IGNITION PENINSULA OF HYDROGEN-OXYGEN MIXTURES,
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50

BASINGER, JAMES D.
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME II. EVALUATION OF TELEVISION SYSTEMS.
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00

BASINSKI, Z. S.
STRESSES ON SECONDARY SYSTEMS DUE TO PILED-UP GROUPS OF DISLOCATIONS OF ARBITARY ORIENTATION.
AD-629 749 20B T 66 08

BASS, J. F.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

BASS, LAWRENCE W.
THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION,
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

BASTOW, J. G.
PROCEEDINGS OF THE MAGNETICS WORKSHOP.
N66-10425 20H U 41 08 HC$ 7.00 MF$ 2.00

BATES, D. R.
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE.
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00

BATES, R. H. T.
MODE THEORY APPROACH TO ARRAYS,
AD-628 778 20N T 66 07 HC$ 3.60 MF$ 0.50

BATE, R. T.
CONDUCTION ELECTRON SCATTERING BY IONIZED DONORS IN INSB AT 80K,
AD-628 437 20L T 66 07

BATTERSON, SIDNEY A.
A STUDY OF THE DYNAMICS OF AIRPLANE BRAKING SYSTEMS AS AFFECTED BY TIRE ELASTICITY AND BRAKE RESPONSE,
N65-35952 1C U 41 07 HC$ 3.00 MF$ 0.50

BATTON, W. D.
HOT-WIRE ANEMOMETER STUDY OF A TURBULENT BOUNDARY LAYER ON A POROUS AXIAL CIRCULAR CYLINDER WITH UNIFORM AIR INJECTION.
AD-628 083 20D T 66 07 HC$ 4.00 MF$ 0.75

BAUER, E. M.
SANDIA CORPORATION (ORGANIZATION 7300) ENVIRONMENTAL FACILITY CALIBRATION PROCEDURES,
SC-M-64-61 14B U 41 08 HC$ 2.00 MF$ 0.50

BAUER, HELMUT F.
DAMPED OSCILLATIONS IN A CONNECTED FLUID SYSTEM,
AD-629 275 13D T 66 08 HC$ 1.60 MF$ 0.50

BAUER, S. H.
THE DYNAMICS OF CRYOSORPTION PUMPING.
N65-35069 13H U 41 07 HC$ 1.00 MF$ 0.50

BAUER, S. J.
HYDROGEN AND HELIUM IONS,
N66-11224 20H U 41 08 HC$ 2.00 MF$ 0.50

BAUER, WILLIAM H.
RESEARCH ON LOW FREQUENCY MEASUREMENTS.
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50

BAUMBICK, R. J.
INVESTIGATION OF THE STARTING CHARACTERISTIC OF THE M-1 ROCKET ENGINE USING THE ANALOG COMPUTER,
N66-12146 21H U 41 08 HC$ 2.00 MF$ 0.50

BAUN, WILLIAM L.
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION SPECTRUM OF BORON.
AD-628 382 7D T 66 07 HC$ 1.60 MF$ 0.50

THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION BANDS OF NITROGEN AND CARBON.
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50

BAUR, M. E.
DIELECTRIC RELAXATION IN LIQUID POLYPROPYLENE OXIDES,
AD-629 393 7D T 66 08

BAXTER, R. D.
CONDUCTION ELECTRON SCATTERING BY IONIZED DONORS IN INSB AT 80K,
AD-628 437 20L T 66 07

BAZILEVICH, L. V.
INSTRUCTION SYSTEM AND PROGRAMMING FOR THE BESM-2,
AD-628 507 9B T 66 07 HC$41.20 MF$ 2.00

BAZILEVICH, V. L.
INSTRUCTION SYSTEM AND PROGRAMMING FOR THE BESM-2,
AD-628 507 9B T 66 07 HC$41.20 MF$ 2.00

BEALL, L. G.
EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

BEARDEN, J. A.
ATOMIC ENERGY LEVELS.
NYO-2543-1 7D U 41 07 HC$ 6.00 MF$ 1.25

BEARD, HAROLD C.
RADIOCHEMISTRY OF ARSENIC.
NAS-NS-3002 7E U 41 08 HC$ 1.00 MF$ 0.50

BEARE, A. C.
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III.
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

BEATTIE, D. A.
LUNAR SCIENTIFIC OPERATIONS,
N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50

BEATTY, ROBERT W.
MICROWAVE IMPEDANCE MEASUREMENTS AND STANDARDS,
C13.44-82 9C U 41 08 MF$ 0.50

BEAUBIEN, S. J.
STUDY OF HELICOPTER GEAR LUBRICATION.
AD-628 446 11H T 66 07 HC$ 2.60 MF$ 0.50

BEBB, H. BARRY
MULTIPHOTON IONIZATION OF RARE GAS AND HYDROGEN ATOMS,
AD-628 724 7E T 66 07

BECKER, DOROTHY GRAHAM
INTEGRAL REPRESENTATIONS FOR HARMONIC FUNCTIONS IN THREE REAL VARIABLES,
AD-628 524 12A T 66 07

BECKER, H.
A PHOTOMECHANICAL INVESTIGATION OF THE ALGOL SOLID PROPELLANT ROCKET MOTOR NOZZLE.
N66-10671 21H U 41 08 HC$ 3.00 MF$ 0.75

BECKMAN, WALTER A.
A SURFACE-FITTING PROGRAM FOR AREALLY-DISTRIBUTED DATA FROM THE EARTH SCIENCES AND REMOTE SENSING,
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00

BECKMAN, W.
PHOTOVOLTAIC POWER SYSTEMS USING HIGH SOLAR ENERGY FLUXES.
AD-629 241 10B T 66 08 HC$ 3.00 MF$ 0.75

BECK, PAUL A.
BETA-MANGANESE PHASES IN TERNARY SYSTEMS OF TRANSITION ELEMENTS WITH SILICON, GERMANIUM, OR TIN,
AD-628 648 11F T 66 07

ELECTRON PHASES IN CERTAIN TERNARY ALLOYS OF TRANSITION METALS WITH SILICON,
AD-628 649 11F T 66 07

BEDERSON, BENJAMIN
METASTABLE TRIPLET-P2 RARE GAS POLARIZABILITIES,
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

BEDINGER, J. F.
OBSERVED CHARACTERISTICS OF IONOSPHERIC WINDS,
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50

BEEGLE, R. L.
RESEARCH ON PROCESSES FOR UTILIZATION OF LUNAR RESOURCES.
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75

BEER, A. C.
CONDUCTION ELECTRON SCATTERING BY IONIZED DONORS IN INSB AT 80K,
AD-628 437 20L T 66 07

BEHLS, HERMAN F.
SHELTER PACKAGE VENTILATION KIT.
AD-629 633 13A T 66 08 HC$ 4.00 MF$ 0.75

BEICHLEY, G. L.
HYDRAULIC MODEL STUDIES OF YELLOWTAIL AFTERBAY DAM SPAWNING CHANNEL STILLING BASIN AND DIFFUSER CHAMBER, MISSOURI RIVER BASIN PROJECT, MONTANA,
AD-466 191 13M U 41 07 HC$ 1.00 MF$ 0.50

BELLMAN, R.
NUMERICAL RESULTS FOR THE ESTIMATION OF SOURCE DISTRIBUTIONS FROM EXTERNAL RADIATION FIELD MEASUREMENTS,
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50

BELL, E.
ASCORBIC ACID, BIOLOGICAL FUNCTION AND CHEMISTRY.
AD-466 647 6A U 41 08 HC$ 1.00 MF$ 0.50

BELL, G. D.
RELATIVE TRANSITION PROBABILITIES FOR PROMINENT NI I AND NI II LINES IN THE NEARULTRAVIOLET,
AD-629 324 7D T 66 08

BELL, ROSEMOND K.
STANDARD REFERENCE MATERIALS: METHODS FOR THE CHEMICAL ANALYSIS OF NBS COPPER-BASE SPECTROCHEMICAL STANDARDS,
C13.10-260-7 11F U 41 07 MF$ 0.75

BELL, S.
THE SPECTRA OF H2O AND D2O IN THE VACUUM ULTRAVIOLET,
AD-628 413 7D T 66 07

BELL, VERNON L.
AN EXPLORATORY STUDY OF A NEW CLASS OF STEPLADDER AND LADDER POLYMERS, POLYIMIDAZOPYRROLONES,
N66-12530 7C U 41 07 HC$ 1.00 MF$ 0.50

BELL, W. A.
REVIEW OF ORNL ELECTROMAGNETIC SEPARATIONS PROGRAM,
ORNL-3861 18B U 41 07 HC$ 3.00 MF$ 0.50

BELMONT, JEAN-LOUP
RECHERCHE D'UNE INTENSE SOURCE DE PROTONS PULSEE A LA MICRO-SECONDE (PRODUCTION OF AN INTENSE SOURCE OF MICRO-SECOND PROTON PULSES.)
PB-169 234 20G U 41 08 HC$ 3.00 MF$ 0.75

BELORUSOV, D. V.
DEVELOPMENT OF PRODUCTIVE CAPACITY IN ECONOMIC REGIONS OF THE USSR (INTEGRATED EXPLOITATION OF NATURAL RESOURCES IN THE NORTHERN PART OF THE OB' BASIN),
AD-628 843 8F T 66 07 HC$ 1.00 MF$ 0.50

BELSHEIM, R. O.
APPARENT-WEIGHT MEASUREMENTS OF ROCKET PAYLOAD AND TEST STRUCTURES.
AD-628 894 21H T 66 08 HC$ 4.60 MF$ 0.50

BELSKY, C. J.
A BASIC STUDY OF THE SLIDING CONTACTS IN ROLLING BEARINGS.
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50

BELSKY, I.
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT,
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

BELTRAMI, E. J.
DISTRIBUTION THEORY AS THE BASIS OF GENERALIZED PASSIVE-NETWORK ANALYSIS.
AD-629 339 9E T 66 08

BENDER, BOB G.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 225 9A T 66 07 HC$23.80 MF$ 1.25

BENEN, LAWRENCE
RESISTANCE AND EMF OF A 'FOIL-MARAN' CONFIGURATION AS PREDICTED FROM SMOOTH WATER TESTS OF MODEL 4836-3.
AD-628 555 13J T 66 07 HC$ 2.60 MF$ 0.50

BENHAM, R. A.
PRODUCTION AND MEASUREMENT OF A DILATATION LOADING FIELD,
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75

BENJAMIN, R. W.
ANGULAR DISTRIBUTION OF GAMMA-RAYS PRODUCED BY FAST NEUTRON INELASTIC SCATTERING IN FE,
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50

BENNETT, JOHN M.
TRIANGULAR FACTORS OF MODIFIED MATRICES.
AD-629 530 12A T 66 08

BENNETT, THERON J.
EARTHQUAKE HISTORY OF OHIO,
AD-629 073 8K T 66 08

BENNETT, W. R.
SESSION P-3: QUANTUM ELECTRONICS GENER- ATION. P-3.3: FREQUENCY STABILIZATION OF GAS LASERS,
AD-629 158 20E T 66 08

BEND, DAVID W.
CYTOTOXICITY OF HUMAN SERA IN TISSUE CULTURE SYSTEMS,
AD-628 176 6T T 66 07

BENSON, R. W.
A MOBILE LABORATORY FOR GROUP HEARING TESTS.
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50

BENTILLA, E. W.
RESEARCH AND DEVELOPMENT STUDY ON THERMAL CONTROL BY USE OF FUSIBLE MATERIALS.
N66-10628 20M U 41 08 HC$ 3.00 MF$ 0.75

BEREZINA, G. P.
HIGH-FREQUENCY OSCILLATIONS RESULTING FROM THE INTERACTION OF AN ELECTRON BEAM WITH PLASMA,
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50

BEREZIN, A. K.
HIGH-FREQUENCY OSCILLATIONS RESULTING FROM THE INTERACTION OF AN ELECTRON BEAM WITH PLASMA,
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50

BERGSTROM, R.
ANALYSIS OF PRENATAL SPINAL REFLEX ACTIVITY IN SHEEP,
AD-629 561 6P T 66 08

BERLUCCHI, G.
OCULAR PHENOMENA DURING SYNCHRONIZED AND DESYNCHRONIZED SLEEP (LES PHENOMENES OCULAIRES AU COURS DU SOMMEIL SYNCHRONISE ET DESYNCHRONISE),
AD-628 379 6P T 66 07

BERNELLA, D. M.
PHASED ARRAY RADAR STUDIES, 1 JANUARY 1963 TO 1 JULY 1964,
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

BERNHARD, C. G.
ANALYSIS OF PRENATAL SPINAL REFLEX ACTIVITY IN SHEEP,
AD-629 561 6P T 66 08

BERNIER, HENRI
CONTRIBUTION TO THE STUDY OF THE INITIATION OF DETONATION PRODUCED BY IMPACT ON AN EXPLOSIVE,
AD-628 984 19D T 66 08 HC$ 4.00 MF$ 1.00

BERRIEN, F. K.
RELATIONSHIP BETWEEN GROUP EQUILIBRIUM, PRODUCTION AND MORALE IN PROBLEM SOLVING WORK GROUPS,
AD-628 232 5J T 66 07 HC$ 1.00 MF$ 0.50

BERRY, B. S.
ANELASTIC RELAXATIONS DUE TO POINT DEFECTS IN CRYSTALS,
NYO-2811-21 20B U 41 07 HC$ 3.00 MF$ 0.75

BERRY, L. JOE
THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON LETHALITY OF ENDOTOXIN AND ITS EFFECT ON BODY TEMPERATURE IN MICE,
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50

BERRY, R. STEPHEN
THE DIMERIZATION OF GASEOUS BENZYNE,
AD-629 681 7C T 66 08

BESSEY, G. P.
DEVELOPMENT OF COLOR MARKER HEADS FOR THE 2.75-INCH ROCKET,
AD-629 037 19A T 66 08 HC$ 9.60 MF$ 0.75

BESSON, J. M.
PRESSURE-TUNED PBSE DIODE LASER,
AD-628 560 20E T 66 07

BETTS, F.
PHASED ARRAY RADAR STUDIES, 1 JANUARY 1963 TO 1 JULY 1964,
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

BEUTNER, H. P.
ISOTOPES IN INDUSTRY. TRENDS IN THE INDUSTRIAL USE OF RADIOISOTOPES AND IONIZING RADIATION,
NYO-3337-16 13H U 41 07 HC$ 1.50 MF$ 1.00

BHALLA, C. P.
THEORETICAL CALCULATIONS OF INELASTIC SCATTERING MATRICES FOR MULTIGROUP REACTOR ANALYSIS,
WCAP-3269-34 18K U 41 08 HC$ 3.00 MF$ 0.50

BHALLA, L. M.
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM,
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

BHANDARI, DEV R.
A PRELIMINARY STUDY TO DETERMINE THE FEASIBILITY OF REINFORCED PLASTIC COLUMN MEMBERS FOR AIRCRAFT STRUCTURES,
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75

BHAT, WAMEN V.
STABILITY OF HAGEN-POISEUILLE FLOW,
AD-629 321 20D T 66 08

BIBLIS, E. J.
SHEAR DEFLECTION OF WOOD BEAMS,
AD-628 545 13N T 66 07

BICKELHAUPT, MILES M.
ERRORS IN THE MEASUREMENT OF THE PROBABILITY DENSITY FUNCTION,
AD-628 725 9D T 66 07 HC$ 3.00 MF$ 0.75

BIDLER, J. L.
PREPARATION AND EVALUATION OF FIBER METAL NICKEL BATTERY PLAQUES,
N66-10751 11D U 41 08 HC$ 3.00 MF$ 0.75

BIERNSON, GEORGE
A THEORETICAL MODEL FOR COLOR VISION,
AD-628 873 6D T 66 07 HC$ 6.00 MF$ 1.25

BIESIADNY, T. J.
NUCLEAR ROCKET SIMULATOR TESTS, FLOW INITIATION WITH NO TURBINE GAS TANK PRESSURE, 35 PSIA RUN 1,
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50

BILLIG, JOSEPH
A COMPARISON OF THE THRESHOLD PERFORMANCE OF THE FREQUENCY DEMODULATOR USING FEEDBACK AND THE PHASE LOCKED LOOP,
PB-169 206 9C U 41 07 HC$ 2.00 MF$ 0.50

BIONDI, MANFRED O.
DISSOCIATIVE RECOMBINATION IN NEON: SPECTRAL LINE-SHAPE STUDIES,
AD-628 658 7D T 66 07

BIRCH, J. A.
THERMAL PROPERTIES OF SILICA AT LOW TEMPERATURES,
AD-628 424 20L T 66 07

BIRCH, S.
AN EXPERIMENTAL AND THEORETICAL ANALYSIS OF CYLINDRICAL LIQUID JETS SUBJECTED TO VIBRATION,
AD-629 243 20D T 66 08

BIRD, G. A.
ONE-DIMENSIONAL COMPRESSION OF A COLLISIONLESS GAS,
AD-629 301 20D T 66 08

BIRNBAUM, Z. W.
A STOCHASTIC CHARACTERIZATION OF WEAR-OUT FOR COMPONENTS AND SYSTEMS.
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50

BISCARDI, C. J.
THE SOLUBILITY OF CALCITE IN AQUEOUS SOLUTIONS. I. THE SOLUBILITY OF CALCITE IN WATER BETWEEN 75 DEGREES AND 200 DEGREES AT CO2 PRESSURES UP TO 60 ATM.
PB-169 138 8D U 41 07 HC$ 3.00 MF$ 0.50

BISTLINE, RAYMOND G.
WETTING AGENTS AND SURFACE ACTIVE COMPOSITIONS THEREFROM.
PATENT 3,219,584 11K U 41 07

BITTER, FRANCIS
ULTRASTRONG MAGNETIC FIELDS,
AD-628 259 20C T 66 07

BITTLE, CHARLES C.
AN IMPROVED FLAME SPECTROPHOTOMETER FOR BIOLOGIC CALCIUM ANALYSIS.
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50

BITZER, R. A.
A MICROWAVE LENS SYSTEM FOR PLASMA DIAGNOSTICS,
N65-35961 20I U 41 07 HC$ 1.00 MF$ 0.50

BLACKER, K. H.
THE AUDITORY EVOKED RESPONSE AS A DIAGNOSTIC AND PROGNOSTIC MEASURE IN SCHIZOPHRENIA,
AD-628 371 6E T 66 07

BLACKMAN, SHELDON
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

BLACKWELL, FREDERICK W.
ON LINE COMPUTER SYMBOLIC MANIPULATION.
AD-628 135 9B T 66 07 HC$19.50 MF$ 1.25

BLACKWELL, R. QUENTIN
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

BLACKWELL, BOON-NAM
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

BLACKWELL, R. QUENTIN
PRELIMINARY REPORT ON ABNORMAL HEMOGLOBINS IN FILIPINOS,
AD-628 152 6E T 66 07

BLACK, JOHN W.
AURAL DETECTION AND IDENTIFICATION OF THE PRESENCE OF PERSONNEL.
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50

BLACK, RONALD P.
TRANSFERABILITY OF RESEARCH AND DEVELOPMENT SKILLS IN THE AEROSPACE INDUSTRY.
AD-628 544 5I T 66 07 HC$ 4.00 MF$ 1.00

BLACK, WILLIAM A. P.
CARBOHYDRATE DERIVED POLYAMIDES.
PATENT 3,225,012 11I U 41 08

BLADE, R. A.
RENORMALIZED PERTURBATION SERIES OF ELECTRODYNAMICS FROM S-MATRIX THEORY,
AD-628 409 20J T 66 07

BLADE, R. J.
ATTENUATION OF SINUSOIDAL PERTURBATIONS SUPERIMPOSED ON LAMINAR FLOW OF A LIQUID IN A LONG LINE,
N66-10335 20D U 41 08 HC$ 1.00 MF$ 0.50

BLAKE, E. E.
SOME OF THE EFFECTS OF THREE AMINO ACIDS ON THE GROWTH OF HYDROGENOMONAS EUTROPHA.
N66-10956 6A U 41 08 HC$ 4.00 MF$ 0.75

BLANCHFIELD, J. R.
THE CLEAVAGE OF PHOSPHORUS TO NITROGEN BONDS WITH HYDROGEN FLUORIDE,
AD-629 744 7C T 66 08

BLAQUIERE, A.
ON THE GEOMETRY OF OPTIMAL PROCESSES, PART III,
AD-629 000 12B T 66 08 HC$ 6.60 MF$ 0.75

BLASCHKO, H.
THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY,
AD-629 259 6A T 66 08

BLEHM, S.
THE EFFECT OF X-RADIATION ON THE CELL SIZE DISTRIBUTION OF THYMUS LYMPHOCYTES,
AD-628 121 6R T 66 07

BLEICH, H. H.
STEP LOAD MOVING WITH SUPERSEISMIC VELOCITY ON THE SURFACE OF AN ELASTIC-PLASTIC HALF-SPACE.
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75

BLISS, JAMES C.
EXPERIMENTS IN TACTUAL PERCEPTION,
N65-36764 5J U 41 07 HC$ 6.00 MF$ 1.25

BLOCK, R. J.
EFFECTS OF ELECTRODEPOSITED COATINGS ON THE DEFORMATION OF COPPER CRYSTALS,
COO-1198-161 11F U 41 07 HC$ 2.00 MF$ 0.50

BLODGETT, R. H.
ANALYSIS OF SELECTED SERVICE TRADES IN THE CAPE KENNEDY AREA.
N66-11756 5C U 41 08 HC$ 2.00 MF$ 0.50

BLOOMQUIST, C. E.
RELIABILITY ASSESSMENT OF THE GEOS A POWER SUPPLY,
N66-12868 22B U 41 08 HC$ 1.00 MF$ 0.50

BLOOM, J. L.
B10/B11 THERMISTOR PAIRS AND THEIR APPLICATION,
AD-629 523 20H T 66 08

BLORE, W. E.
THE RADAR ABSORPTION EFFECT CAUSED BY VERY THIN PLASMA SHEATHS.
AD-444 071 17I U 41 08 HC$ 1.00

MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

BLUM, NORMAN A.
MOSSBAUER TECHNIQUES USING HIGH-FIELD WATER-COOLED SOLENOIDS,
AD-629 191 20C T 66 08

BLUM, N. A.
FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03,
AD-629 188 20L T 66 08

BLUTT, JOHN R.
SUPERCONDUCTING ELECTRICAL MACHINERY AS A MEANS OF POWER TRANSMISSION IN AIRCRAFT.
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75

BOADE, R. R.
SOUND ABSORPTION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-628 426 7D T 66 07

SOUND ABSORPTION IN SUBSTITUTED METHANE -INERT-GAS MIXTURES,
AD-628 830 7D T 66 07

SOUND DISPERSION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-629 531 7D T 66 08

BODENHEIMER, PETER
STUDIES IN STELLAR EVOLUTION, II. LITHIUM DEPLETION DURING THE PRE-MAIN-SEQUENCE CONTRACTION,
AD-629 682 3B T 66 08

BODEN, D. P.
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75

BOETTNER, E. A.
TRANSMISSION OF THE HUMAN EYE.
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50

BOGDASHEVSKII, A. V.
WELDING OF POLYMER FILMS,
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

BOGGS, F. W.
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART I. MECHANISM OF DRAG REDUCTION.
AD-628 685 20D T 66 07 HC$ 3.00 MF$ 0.75

FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART II. EQUIPMENT FOR DETERMINING FLOW BEHAVIOR.
AD-628 686 20D T 66 07 HC$ 2.00 MF$ 0.50

BOHNING, JAMES J.
A KINETIC STUDY OF THE PHOTOCHEMICAL ADDITION OF PHENANTHRENEQUINONE TO OLEFINS.
AD-629 478 7E T 66 08 HC$ 5.00 MF$ 1.00

BOLCOURT, GRENFELL P.
ELECTRICAL CHARACTERISTICS OF COAXIAL CABLE,
LA-3318 9A U 41 08 HC$ 1.00 MF$ 0.50

BOLING, RONALD W.
FINITE QUEUES IN SERIES WITH EXPONENTIAL OR ERLANG SERVICE TIMES.
AD-629 308 12B T 66 08 HC$ 3.60 MF$ 0.50

BOLLEN, W. B.
MICROORGANISM STUDY PROGRESS REPORT,
N66-10773 6M U 41 08 HC$ 3.00 MF$ 0.50

BOLLINGER, G. A.
THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963.
AD-472 354 8K U 41 07 HC$ 3.00 MF$ 0.75

BOLOTIN, L. T.
HIGH-FREQUENCY OSCILLATIONS RESULTING FROM THE INTERACTION OF AN ELECTRON BEAM WITH PLASMA,
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50

BONDELID, R. O.
THE NRL CYCLOTRON PROGRAM, REPORT OF PROGRESS, SEPTEMBER 1, 1965.

AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50

BONDI, H.
INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME I.
AD-629 097 20J T 66 08 HC$ 6.60 MF$ 0.75

1965 CONFERENCE ON GENERAL RELATIVITY AND GRAVITATION.
AD-629 098 3B T 66 08 HC$ 1.10 MF$ 0.50

BONDURANT, JAMES A.
AUTOMATIC IRRIGATION GATE.
PATENT 3,217,497 13K U 41 07

BOND, C. D.
THE NRL CYCLOTRON PROGRAM, REPORT OF PROGRESS, SEPTEMBER 1, 1965.
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50

BONHAM, R. A.
MULTIPLE ELASTIC INTRAMOLECULAR SCATTERING IN GAS ELECTRON DIFFRACTION.
AD-629 024 7D T 66 08

BONHAM, RUSSELL A.
ON A POSSIBLE METHOD FOR CORRECTING ATOMIC WAVEFUNCTIONS FOR RELATIVISTIC EFFECTS.
AD-629 022 7D T 66 08

BONHAM, R. A.
ON THE GREEN'S FUNCTION METHOD FOR EVALUATING PERTURBATION SUMS.
AD-629 023 12A T 66 08

BONILLA, CHARLES F.
HIGH-TEMPERATURE THERMAL PROPERTIES OF GASES AND VAPORS. PROGRESS REPORT, 1964/65.
CU-2660-16 20M U 41 08 HC$ 1.00 MF$ 0.50

BOORSTIN, J. B.
INJURY MECHANISM OF INTERNAL ORGANS OF ANIMALS EXPOSED TO SINUOSIDAL VIBRATION.
AD-628 949 6S T 66 08

BORKOWSKI, RAYMOND P.
SELECTIVE ENHANCEMENT OF FLUORESCENCE FROM SOME RARE-EARTH SALTS IN SOLUTION.
AD-628 585 7D T 66 07

BOSSOLASCO, M.
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROBURENT, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

BOS, ALAN
LAMINAR, TRANSITIONAL AND TURBULENT FLOW WITH ADVERSE PRESSURE GRADIENT ON A CONE-FLARE AT MACH 10.
AD-629 094 20D T 66 08 HC$ 6.60 MF$ 0.75

BOTTOMS, W. T.
ULTRAVIOLET DEGRADATION STUDY.
N66-11226 20M U 41 08 HC$ 1.00 MF$ 0.50

BOUDREAUX, D. S.
FIELD IONIZATION OF AN ATOM NEAR A METAL SURFACE.
AD-629 676 20H T 66 08

BOUDREAU, CAROL A.
SCATTERING AND ATTENUATION BY PRECIPITATION PARTICLES.
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75

BOULGER, F. W.
THE FABRICATION OF BERYLLIUM.
AD-464 975 11F U 41 07 HC$ 4.00 MF$ 1.00

BOURDEAU, R. E.
THE LOWER IONOSPHERE AT SOLAR MINIMUM.
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50

BOURNE, B. E.
FREQUENCY SOURCE THAT KEEPS TIME EVEN IF MAIN POWER SOURCE FALTERS.
AD-629 743 9E T 66 08

BOWDEN, F. P.
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS.
AD-628 915 19D T 66 08 HC$ 1.10 MF$ 0.50

BOWEN, H. M.
APPARENT MOVEMENT PHENOMENA ON CRT DISPLAYS - THRESHOLD DETERMINATIONS OF APPARENT MOVEMENTS OF PULSED LIGHT SOURCES.
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50

BOWER, H. R.
A STUDY OF EARLY GREYOUT THRESHOLD AS AN INDICATOR OF HUMAN TOLERANCE TO POSITIVE RADIAL ACCELERATORY FORCE.
AD-468 310 6S U 41 08 HC$ 1.00 MF$ 0.50

BOWLES, R. E.
ANALYSIS AND TEST OF SIGNAL TRANSMISSION IN A MULTIPHASE FLUID MIXTURE.
AD-628 676 20D T 66 07 HC$ 2.00 MF$ 0.50

BOWMAN, DAVID F.
TRANSVERSE ANTENNA FEEDS.
AD-628 500 9E T 66 07 HC$ 7.60 MF$ 0.75

BOWMAN, DENNIS
USE OF MOS TRANSISTORS IN SOLID-STATE RADIATION SURVEY METERS.
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50

BOWSHER, DAVID
RESPONSES OF MONKEY THALAMUS TO SOMATIC STIMULI UNDER CHLORALOSE ANAESTHESIA.
AD-628 368 6P T 66 07

BOYCOTT, B. B.
OCTOPUS OPTIC RESPONSES.
AD-628 743 6C T 66 07

BOYD, G. M.
RADIO FADING AND THE NATURAL ELECTROMAGNETIC BACKGROUND.
AD-629 319 20N T 66 08

BOYD, M. R.
C.W. X-BAND VOLTAGE TUNABLE OSCILLATOR.
AD-628 093 9A T 66 07 HC$ 3.00 MF$ 0.75

BOYD, R. H.
THE HEAT OF COMBUSTION AND STRAIN ENERGY OF 2,2-PARACYCLOPHANE.
AD-629 467 7D T 66 08

BOZHEVIKOV, N. S.
MAIN GEOPHYSICAL OBSERVATORY (SELECTED ARTICLES).
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50

BOZORTH, R. M.
MAGNETIC PROPERTIES OF CUF2.
AD-629 292 20L T 66 08

MAGNETIC PARAMETERS IN NIF2.
AD-629 293 20L T 66 08

BRACCHI, F.
LA FREQUENZA DI SCARICA DEI MOTONEURONI SPINALI NELL'ARTO SUPERIORE E INFERIORE DELL'UOMO IN RELAZIONE CON LA TENSIONE SVILUPPATA DAL MUSCOLO.
AD-629 109 6P T 66 08

BRACEWELL, R. N.
INSTRUMENTS, SOLAR PHYSICS, EXTRAGALACTIC STUDIES, GALACTIC STUDIES AND OCCULATIONS.
AD-629 289 3B T 66 08

STRUCTURE OF THE CENTRAL COMPONENT OF CENTAURUS A.
AD-629 290 3B T 66 08

BRACHET, J.
GROUPES SULFHYDRILES ET MORPHOGENESE. I. EFFETS DU BETA-MERCAPTOETHANOL, DE L'ACIDE ALPHA-LIPOIQUE, DE L'ACIDE ADENOSINETRIPHOSPHORIQUE ET DE L'OXALOACETATE SUR LE DEVELOPPEMENT EMBRYONNAIRE DES BATRACIENS (SULFHYDRYL GROUP AND MORPHOGENESIS. I. EFFECTS OF BETA-MERCAPTOETHANOL, ALPHA-LIPIOC ACID, ATP, AND OXALOACETATE ON EMPRYONIC DEVELOPMENT IN AMPHIBIANS).
AD-629 461 6C T 66 08

BRADFORD, JAMES M.
OPERATING PARAMETERS OF THE OMEGATRON MASS SPECTROMETER IN ULTRAHIGH VACUUM.
N66-13227 7D U 41 07 HC$ 2.00 MF$ 0.50

BRADFORD, ROBERT
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

BRADLEY, D. C.
STRUCTURES OF MERCURY MERCAPTIDES. PART II. X-RAY STRUCTURAL ANALYSIS OF MERCURY ETHYLMERCAPTIDE.
AD-628 569 20B T 66 07

BRADLEY, EDWARD A.
EARTHQUAKE HISTORY OF OHIO.
AD-629 073 8K T 66 08

BRADNER, H.
COHERENCE MEASUREMENTS WITH TIME SAMPLING OCEAN-BOTTOM SEISMOMETERS.
AD-629 466 8K T 66 08

BRADY, F. B.
ANALYSIS OF SAFETY ASPECTS OF AIRCRAFT LANDING OPERATIONS.
AD-430 087 1B U 41 07 HC$ 5.00

BRAGG, LOUIS R.
THE RADIAL HEAT EQUATION AND LAPLACE TRANSFORMS.
N66-12254 20M U 41 07 HC$ 1.00 MF$ 0.50

BRAHAM, ROSCOE R.
TECHNICAL NOTE NO. 32.
AD-628 598 4B T 66 07

BRAKL, J.
THE SEARCH UNDERWATER FOR A DOWNED NAVY JET AIRCRAFT.
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50

BRAMBLE, J. H.
A FINITE DIFFERENCE ANALOG OF THE NEUMANN PROBLEM FOR POISSON'S EQUATION.
AD-629 528 12A T 66 08

BRAMHALL, P. J.
THIN-FILM RECHARGEABLE SOLID-ELECTROLYTE BATTERIES.
AD-629 501 10C T 66 08

BRANDON, D.
THE EFFECT OF RADIATION ON THE DUCTILEBRITTLE TRANSITION IN PRESSURE VESSEL STEELS.
EURAEC-1218 11F U 41 07 HC$ 2.00 MF$ 0.50

BRANDT, A.
THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A VISCOUS FLUID, PART 1.
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50

MAGNETOHYDRODYNAMIC FLOW IN THE INLET REGION OF A STRAIGHT CHANNEL.
AD-628 180 20I T 66 07 HC$ 4.60 MF$ 0.50

ASYMPTOTIC APPROACH TO HARTMANN-POISEUILLE FLOWS.
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50

BRANDY, J. H.
A TEMPERATURE CURVE FOR THE UPPER ATMOSPHERE FROM 80 TO 160 KM BASED ON 3 914 A N2+ ROTATIONAL TEMPERATURES IN AURORA.
AD-629 360 4A T 66 08

BRANSCOMB, ELBERT
WIGNERS ANALYSIS OF THE UNITARY REPRESENTA- TIONS OF THE POINCARE GROUP.
UCRL-12359 20J U 41 07 HC$ 3.00 MF$ 0.75

BRANT, DAVID A.
THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. II. THEORY.
AD-628 283 6A T 66 07

THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. I. EXPERIMENTAL RESULTS.
AD-629 282 6A T 66 08

BRAUN, B.
TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME I.
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME II.
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME III.
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50

BRAYDEN, RICHARD
USE OF MOS TRANSISTORS IN SOLID-STATE RADIATION SURVEY METERS.
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50

BRAY, WILLIAM
CONTRIBUTIONS TO THE NATURE OF OXYHALIDES. III. THE NATURE OF CHLORINE DIOXIDE.
AD-628 331 7B T 66 07 HC$ 3.00 MF$ 0.75

BRAZIER, OLIVER G.
EXPERIMENTAL STUDIES ON TARGET DETECTION, EVALUATION AND INTERCEPTION BY ECHOLOCATING BATS.
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75

BREHMAN, GEORGE E.
A NOTE ON THE RELATIONSHIP OF THE INTERACTION POTENTIAL INVENTORY TO PEER RATINGS OF LEADERSHIP AND OTHER NAVAL AVIATION CADET CRITERIA.
AD-468 261 5I U 41 08 HC$ 1.00 MF$ 0.50

BREIT, G.
EFFECT OF FINITE LIFE OF UPPER LEVEL ON PROBABILITY OF COULOMB EXCITATION.
AD-628 267 20H T 66 07

BRENDECKE, W. H.
ACTIVE ACOUSTIC DEVICES.
AD-628 450 9A T 66 07 HC$ 3.00 MF$ 0.75

BRESLIN, J. T.
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES.
AD-629 514 20L T 66 08

BREUCH, R. A.
EFFECTS OF ELECTRON BOMBARDMENT ON THE OPTICAL PROPERTIES OF SPACECRAFT TEMPERATURE CONTROL COATINGS.
AD-628 615 22B T 66 07

BREWER, JEROME
DETERMINATION OF MIXED VIRIAL COEFFICIENTS.
AD-628 889 7D T 66 08 HC$ 2.00 MF$ 0.50

BREZHNEVA, K. M.
TRANSISTORS AND SEMICONDUCTOR DIODES.
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00

BRINICH, PAUL F.
THRUST COEFFICIENTS OF LOW-THRUST NOZZLES.
N65-36896 21H U 41 07 HC$ 2.00 MF$ 0.50

BRINK, N. O.
RESEARCH ON AN EXPANDABLE AIRLOCK UTILIZING THE ELASTIC RECOVERY PRINCIPLE.
N66-13023 22A U 41 08 HC$ 4.00 MF$ 0.75

BROCKELMAN, RICHARD A.
TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS.
AD-628 565 3B T 66 07

BROCKELMAN, R. H.
INVESTIGATION OF SONIC TECHNIQUES FOR THE NONDESTRUCTIVE EVALUATION OF SINTERED IRON POWDER COMPACTS.
AD-628 538 11F T 66 07 HC$ 2.00 MF$ 0.50

BROCKETT, TERRY
MINIMUM PRESSURE ENVELOPES FOR MODIFIED NACA-66 SECTIONS WITH NACA A=0.8 CAMBER AND BUSHIPS TYPE I AND TYPE II SECTIONS.
AD-629 379 20D T 66 08 HC$ 4.60 MF$ 0.50

BRODMAN, BRUCE W.
UREA INCLUSION COMPOUNDS OF N-ALKYL OXIRANES.
PATENT 3,219,654 6F U 41 07

BROMBACHER, W. G.
GUIDE TO INSTRUMENTATION LITERATURE.
C13.10-271 14B U 41 08 MF$ 1.25

BRONSTEIN, J.
A METHOD FOR E. P. R. MEASUREMENTS OF ORTHORHOMBIC SITES IN A CRYSTAL OF TETRAGONAL SYMMETRY.
AD-628 362 20B T 66 07

ELECTRON PARAMAGNETIC RESONANCE OF EU2+ IN CAWO4.
AD-629 232 7D T 66 08

BROOKS, DONALD A.
A STUDY OF HOMOGENEITY OF SOLID SOLUTIONS OF CADMIUM SULFIDE AND CADMIUM SELENIDE BY X-RAY FLUORESCENCE.
AD-629 493 20L T 66 08

BROOKS, R.
FINDING EVERETT'S LAGRANGE MULTIPLIERS BY LINEAR PROGRAMMING.
AD-629 505 12B T 66 08 HC$ 1.10 MF$ 0.50

BROUT, ROBERT
REMARK ON THE HYDROXYL ION SYSTEM IN ALKALI HALIDES.
AD-629 240 20C T 66 08

STATISTICAL MECHANICS OF FERROMAGNETISM.
AD-629 504 7D T 66 08

BROUT, R.
PHASE TRANSITIONS IN MATTER.
AD-629 237 7D T 66 08

BROWNE, JAMES E.
SPECTRUM SIGNATURE OF RADIO SET AN/GRC-27A.
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75

BROWNING, H. D.
THE DEVELOPMENT OF AN ELECTRIC FIELD METER TO MEASURE SMALL VARIATIONS IN THE EARTH'S FIELD.
AD-628 369 14B T 66 07 HC$ 3.00 MF$ 0.50

BROWNSTEIN, S.
PROTON MAGNETIC RESONANCE LINE WIDTH AS A FUNCTION OF POLYMER TACTICITY.
AD-629 747 7D T 66 08

BROWN, CHARLES R.
LIQUID SPRING MOUNTING MEANS FOR A LAUNCHING TUBE.
PATENT 3,221,602 16A U 41 07

BROWN, DUANE C.
SIMULATIONS OF GEODETIC POSITIONING BY THE METHOD OF CONTINUOUS TRACES.
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50

BROWN, D. E.
A STUDY OF MILITARY ELECTRONIC AND ELECTRO- MECHANICAL SPECIFICATION PART IDENTIFICATION REQUIREMENTS.
AD-629 544 15E T 66 08 HC$ 3.00 MF$ 0.75

BROWN, D. M.
A NONLINEAR PROGRAMMING APPROACH TO THE MINIMUM WEIGHT ELASTIC DESIGN OF STEEL STRUCTURES.
PB-169 207 13M U 41 07 HC$ 4.00 MF$ 0.75

BROWN, E. A.
MAGNETIC INTERACTION EXPERIMENTS WITH SHOCK IONIZED NEON.
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50

BROWN, FRANK L.
POSSIBLE COMBAT APPLICATION OF EXPERIMENTAL STEALTH MEASURING DEVICE.
AD-629 197 17A T 66 08 HC$ 1.60 MF$ 0.50

BROWN, HERBERT C.
SELECTIVE REDUCTIONS. VI. THE REACTION OF LITHIUM TRI-T-BUTOXY ALUMINOHYDRIDE WITH PHENOLIC ESTERS. A NEW ALDEHYDE SYNTHESIS.
AD-629 448 7C T 66 08

SELECTIVE REDUCTIONS. VII. REACTION OF LITHIUM TRIMETHOXYALUMINOHYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS.
AD-629 450 7C T 66 08

SELECTIVE REDUCTIONS. VIII. THE STEREOCHEMISTRY OF REDUCTION OF CYCLIC AND BICYCLIC KETONES BY THE ALKOXY-SUBSTITUTED LITHIUM ALUMINUM HYDRIDES.
AD-629 470 7C T 66 08

BROWN, HERBERT G.
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. V. SOLAR RADIATION MEASUREMENTS AT NEOTOMA.
TID-21357 6F U 41 08 HC$ 3.00 MF$ 0.75

BROWN, M. E.
THE APPLICATIONS OF COMPUTERS TO THE APL STORAGE AND RETRIEVAL SYSTEM.
AD-462 339 5B U 41 08 HC$ 2.60

BROWN, R. F.

PROPERTIES OF TRANSDUCER CERAMICS UNDER MAINTAINED PLANAR STRESS,
AD-628 810 11B T 66 07

BROWN, THOMAS A.
A NOTE ON SOME GRAPHS RELATED TO KNOTS,
AD-629 506 12A T 66 08 HC$ 1.10 MF$ 0.50

BROWN, WILLIAM K.
FEASIBILITY STUDY: LATERAL IMPACT WITH STANDARD AIRCRAFT HARNESS CONFIGURATION.
AD-629 077 13L T 66 08 HC$ 2.60 MF$ 0.50

BRUCE, JAN A.
OXYGEN COORDINATES OF COMPOUNDS WITH GARNET STRUCTURE.
AD-629 713 20B T 66 08

BRUESS, E. C.
EVALUATION PROGRAM FOR SECONDARY SPACECRAFT CELLS. ACCEPTANCE TEST OF SONOTONE,
N66-11672 10C U 41 08 HC$ 1.00 MF$ 0.50

BRUMMER, S. B.
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-628 071 10B T 66 07 HC$ 4.00 MF$ 0.75

BRUNDIN, JAN
DISTRIBUTION AND FUNCTION OF ADRENERGIC NERVES IN THE RABBIT FALLOPIAN TUBE,
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50

BRUNSON, HENRY W.
THE EFFECT OF INJECTED MONOMETHYLHYDRAZINE ON PRIMATE PERFORMANCE.
AD-628 048 6T T 66 07 HC$ 1.00 MF$ 0.50

BRUSH, STEPHEN G.
LATTICE MODELS FOR COOPERATIVE PHENOMENA. I. SURVEY AND COMPARISON OF APPROXIMATE METHODS,
UCRL-14287 20B U 41 07 HC$ 2.00 MF$ 0.50

BRYANT, B. W.
SPECTRA OF DOUBLY AND TRIPLY IONIZED YTTERBIUM, YB III AND YB IV,
AD-629 333 7D T 66 08

BRYANT, EDWARD C.
SOME THEORETICAL ASPECTS OF THE IMPROVEMENT OF DOCUMENT SCREENING BY ASSOCIATIVE TRANSFORMATIONS.
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50

BRYANT, PAUL J.
EXTREME VACUUM TECHNOLOGY DEVELOPMENTS,
N65-36766 14B U 41 07 HC$ 2.00 MF$ 0.50

BRYAN, D. E.
USE OF NEUTRON ACTIVATION ANALYSIS IN SCIENTIFIC CRIME DETECTION. 12-MONTH SUMMARY REPORT FOR THE PERIOD NOVEMBER 1, 1963-OCTOBER 31, 1964,
GA-6152 20H U 41 08 HC$ 3.00 MF$ 0.75

BRYLEV, G. B.
THE MAXIMUM RANGE OF RADAR DETECTION OF SHOWERS.
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50

THE RELATION BETWEEN THE THERMODYNAMIC STATE OF THE ATMOSPHERE AND RADAR ECHOES FROM A CLEAR SKY.
AD-628 971 4A T 66 08 HC$ 1.00 MF$ 0.50

PROPERTIES OF THE RADAR ECHO IN SOUNDING OF CU CLOUDS OF SMALL VERTICAL EXTENT.
AD-629 010 4B T 66 08 HC$ 1.00 MF$ 0.50

BUBB, FRANK W.
LINEAR NOISE FILTERING AND PREDICTING SYSTEMS,
PB-169 144 9D U 41 08 HC$ 1.00 MF$ 0.50

BUCHANAN, L.
STUDIES IN RING EXPANSION,
AD-628 733 7C T 66 07 HC$ 2.00 MF$ 0.50

BUCHER, GEORGE C.
PHYSICS OF THE MOON. SELECTED TOPICS CONCERNING LUNAR EXPLORATION.
N66-11251 3B U 41 07 HC$ 6.00 MF$ 1.50

BUCKENS, F.
ON THE INFLUENCE OF THE ELASTICITY OF COMPONENTS IN A SPINNING SATELLITE ON THE STABILITY OF ITS MOTION,
AD-628 247 22B T 66 07 HC$ 3.60 MF$ 0.50

BUCKLEY, FLETCHER J.
DATA TRANSMISSION, ERROR CONTROL AND COMMUNICATIONS SECURITY.
AD-629 354 17B T 66 08 HC$ 2.60 MF$ 0.50

BUCK, ALAN C.
AMELIORATIVE MEASURES IN FASTING, SUBARCTIC SURVIVAL SITUATIONS.
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50

A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

BUDDING, H. A.
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

BUEHRING, WILLI J.
EFFECTS OF VARIOUS GASES ON HANDGEAR INSULATION.
AD-628 367 6Q T 66 07 HC$ 1.60 MF$ 0.50

BUETTNER, K. J. K.
ON THE USE OF INTERMEDIATE INFRARED AND MICROWAVE INFRARED IN WEATHER SATELLITES.
N66-12983 4B U 41 08 HC$ 3.00 MF$ 0.50

BUFFA, ANTHONY J.
THE 'HOUR-GLASS' ENERGY DIVERTER.
AD-629 571 9A T 66 08 HC$ 2.00 MF$ 0.50

BUFFONI, FRANCA
THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY,
AD-629 259 6A T 66 08

BUFFUM, F. G.
ACOUSTIC LOSSES OF A SUBSCALE, COLD-FLOW ROCKET MOTOR FOR VARIOUS 'J' VALUES.
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75

BUHNER, H. R.
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75

BULLEN, P. S.
A GENERAL PERRON INTEGRAL,
AD-629 134 12A T 66 08

SOME INEQUALITIES FOR SYMMETRIC MEANS,
AD-629 135 12A T 66 08

A NEW PROOF OF AN INEQUALITY OF HEINZ,
AD-629 567 12A T 66 08

BULLIS, R. H.
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS.
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50

BULLRICH, K.
TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME I.
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME II.
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME III.
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50

BULLWINKEL, E. C.
PULSE-CODE MODULATION MULTIPLEX TRANSMISSION OVER AN INJECTION LASER TRANSMISSION SYSTEM,
AD-629 503 20E T 66 08

BUMP, T. S.
FARET CORE I FUEL IRRADIATION PROGRAM AND REFERENCE DESIGN,
ANL-7106 18H U 41 07 HC$ 2.00 MF$ 0.50

BUNJE, H. W.
EXPEDITION TO THE COLOMBIAN ANDES (4TH),
AD-466 169 6P U 41 07 HC$ 2.00 MF$ 0.50

BURICK, R. J.
CONTINUOUS MEASUREMENT OF SOLID PROPELLANT BURNING RATES,
AD-629 070 21I T 66 08

BURKE, R.
AN EMPIRICAL METHOD FOR THE ESTIMATION OF BOND DISSOCIATION ENERGIES,
AD-629 027 7D T 66 08

BURLINGAME, A. L.
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT,
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

BURNELL, JACK A.
THEORETICAL AERODYNAMICS OF FLEXIBLE WINGS AT LOW SPEEDS. V. ENGINEERING METHOD FOR ESTIMATING PARAWING PERFORMANCE.
AD-628 579 20D T 66 07 HC$11.60 MF$ 0.75

BURNSTEIN, EUGENE
THE EFFECT OF GROUP SUCCESS ON THE REDUCTION OF STATUS INCONGRUENCE IN TASK-ORIENTED GROUPS,
AD-628 576 5K T 66 07

BURNS, STEPHEN H.
FINITE-AMPLITUDE TRAVELING WAVES WITH BOUNDARY DISSIPATION.
AD-628 671 20A T 66 07 HC$ 6.00 MF$ 1.25

BURR, A. F.
ATOMIC ENERGY LEVELS.
NYO-2543-1 7D U 41 07 HC$ 6.00 MF$ 1.25

BURSON, Z. G.
EXPERIMENTAL RADIATION MEASUREMENTS IN CONVENTIONAL STRUCTURES. PART III. THE ATTENUATION OF AIR-SCATTERED RADIATION IN A BASEMENT,
CEX-59.7B 18H U 41 08 HC$ 1.00 MF$ 0.75

BURT, W. ALLAN
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

BURWELL, C. C.
ECONOMIC ASPECTS OF NUCLEAR DESALINATION.
ORNL-P-1278 18L U 41 08 HC$ 1.00 MF$ 0.50

BUSCH, R. E.
ALLOYS OF IMPROVED ELASTIC PROPERTIES.
AD-629 726 11F T 66 08 HC$ 3.00 MF$ 0.50

AD-629 727 11F T 66 08 HC$ 4.00 MF$ 0.75

BUSTAMANTE, JORGE I.
ULTIMATE LOADS OF A CLASS OF SHELLS OF MATERIAL WITH NON-LINEAR BEHAVIOR.
AD-628 509 13M T 66 07 MF$ 0.75

BUTLER, H. I.
THE METEOROLOGICAL INSTRUMENTATION OF SATELLITES.
N66-11227 22B U 41 08 HC$ 3.00 MF$ 0.75

BUTLER, J. F.
PRESSURE-TUNED PBSE DIODE LASER.
AD-628 560 20E T 66 07

BUTLER, J. N.
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-628 071 10B T 66 07 HC$ 4.00 MF$ 0.75

BUTLER, L.
AN INVESTIGATION OF PROPELLER SLIPSTREAM EFFECTS ON V/STOL AIRCRAFT PERFORMANCE AND STABILITY.
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00

BUTLER, T. A.
RECOVERY OF 137 CS FROM FISSION-PRODUCT WASTES AND TRANSPORT BY AN ALUMINOSILICATE ION EXCHANGER.
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50

BYERS, HORACE R.
TECHNICAL NOTE NO. 32.
AD-628 598 4B T 66 07

BYRNE, F. P.
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III.
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

BYRNE, JOSEPH J.
DEVELOPMENT OF THE DRY TAPE BATTERY CONCEPT.
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25

BYWATER, S.
THE EFFECT OF DIELECTRIC CONSTANT ON THE RATE OF ANIONIC POLYMERIZATION.
AD-629 742 7C T 66 08

CADY, HOWARD H.
AN INTEGRATED SERIES OF CRYSTALLOGRAPHIC COMPUTER PROGRAMS. IX. REPARATION OF TABLES FOR PUBLICATION.
LA-3354 9B U 41 08 HC$ 2.00 MF$ 0.75

CAFARO, C.
ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00

CALAWA, A. R.
PRESSURE-TUNED PBSE DIODE LASER.
AD-628 560 20E T 66 07

CALDWELL, GARY L.
AN EXPERIMENTAL DC ELECTROMAGNETIC PUMP FOR A MOLTEN PLUTONIUM ALLOY.
LA-3240 13K U 41 07 HC$ 2.00 MF$ 0.50

CALLAHAN, C. M.
ION EXCHANGE IN FUSED SALTS. II. THE DISTRIBUTION OF ALKALI METAL AND ALKALINE EARTH IONS BETWEEN CHABAZITE AND FUSED LINO3, NANO3, AND KNO3.
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50

CALLAWAY, ENOCH
THE AUDITORY EVOKED RESPONSE AS A DIAGNOSTIC AND PROGNOSTIC MEASURE IN SCHIZOPHRENIA.
AD-628 371 6E T 66 07

CALLAWAY, JOSEPH
MULTIPLE-SCATTERING METHODS IN THE THEORY OF SOLIDS.
AD-629 151 20L T 66 08

CALLEN, H. B.
WICK AND GOLDSTONE THEOREMS FOR GENERAL SPIN ANTIFERROMAGNETIC SPIN WAVES II.
AD-629 141 20J T 66 08 HC$ 2.60 MF$ 0.50

CALVIN, M.
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT.
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

CAMPBELL, J. A.
MOLECULAR ATMOSPHERIC OXYGEN HORIZON STUDY RADIOMETRIC MEASUREMENT INSTRUMENT.
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75

CAMPBELL, J. G.
REFRACTORY THRUST CHAMBERS FOR SPACECRAFT ENGINES.
N66-12874 21H U 41 08 HC$ 5.00 MF$ 1.00

CAMPBELL, PHILLIP M.
FINITE DIFFERENCE METHODS FOR NONLINEAR RADIATION TRANSPORT.
UCRL-12411 12A U 41 07 HC$ 2.00 MF$ 0.50

CANCRO, C. A.
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50

CANEVA, A.
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROBURENT, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

CANNADAY, FRANCIS X.
DEVELOPMENT OF CONTROLLED IMPULSE TECHNIQUE FOR IN SITU TESTING OF ROCK.
AD-628 860 8G T 66 07 HC$ 3.00 MF$ 0.75

CANNON, WILLIAM M.
HETEROGENEOUS KEY DEVELOPMENT: VOCATIONAL INTERESTS OF COMPUTER PROGRAMMERS.
AD-628 207 5I T 66 07 HC$ 1.00 MF$ 0.50

CAPPADONA, WILLIAM L.
MICROMINIATURIZED MTI GROUP AN/GPA (XW-2).
AD-629 601 17I T 66 08 HC$ 3.00 MF$ 0.75

CAP, FERDINAND
GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

CAP, F.
THERMODYNAMICS OF A MHD-PLASMA WITH INFINITE ELECTRICAL CONDUCTIVITY.
AD-629 262 20I T 66 08

CARIATI, F.
TRIPHENYLPHOSPHINE-GOLD(0) GOLD(1) COMPOUNDS.
AD-629 303 7D T 66 08

CARLIN, ALAN P.
IS THE MARBLE CANYON PROJECT ECONOMICALLY JUSTIFIED.
AD-629 447 10B T 66 08 HC$ 2.60 MF$ 0.50

CARLI, G.
REGISTRAZIONE MICROELETTRODICA DI RISPOSTE LENTE IMPTALAMICHE EVOCATE DA STIMOLI SENSITIVI (MICROELECTRODE RECORDING OF SLOW HYPOTHALAMIC EVOKED RESPONSES TO SENSORY STIMULI).
AD-629 279 6P T 66 08

CARLOCK, JACK
SMOKE MARKER DETECTION AND IDENTIFICATION STUDY.
AD-467 335 19A U 41 07 HC$ 3.00 MF$ 0.75

CARLSON, A.
STUDY OF THIN FILM LARGE AREA PHOTOVOLTAIC SOLAR ENERGY CONVERTER.
N66-10926 10A U 41 08 HC$ 2.00 MF$ 0.50

CARLSON, A. W.
RELIABLE SOLID-STATE CIRCUITS.
N66-11799 9E U 41 08 HC$ 3.00 MF$ 0.75

CARLSON, DONALD D.
DEVELOPMENT TESTING OF SPACE VEHICLES.
AD-628 053 22B T 66 07 HC$ 4.00 MF$ 0.75

CARLSSON, ARVID
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS.
AD-628 741 6P T 66 07

CARMAN, CARL M.
CRACK RESISTANCE PROPERTIES OF HIGH STRENGTH ALUMINUM ALLOYS.
AD-629 105 11F T 66 08 HC$ 3.00 MF$ 0.75

CARNES, W. H.
THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY.
AD-629 259 6A T 66 08

CARPENTER, S. G.
TUNGSTEN RESONANCE INTEGRALS AND DOPPLER COEFFICIENTS.
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50

CARPINO, LOUIS A.
2,3-DIPHENYLVINYLENE SULFONE.
AD-628 659 7C T 66 07

CARRA, SERGIO
DETERMINATION AND ASSESSMENT OF MORSE POTENTIAL FUNCTIONS FOR SOME NONPOLAR GASES.
AD-628 480 7D T 66 07

CARRA, S.
CENTRAL POTENTIALS FOR POLYATOMIC MOLECULES. A SURVEY OF MORSE POTENTIALS DETERMINED FROM VISCOSITY AND THE SECOND VIRIAL COEFFICIENT.
N66-13082 7C U 41 08 HC$ 1.00 MF$ 0.50

CARRIGAN, ANNE L.
GEOPHYSICS AND SPACE DATA BULLETIN, VOLUME II: NUMBER 3.
AD-629 696 4A T 66 08 HC$ 6.00 MF$ 1.25

CARROLL, DOROTHY
TERRESTRIAL SEDIMENTS AND SOILS OF THE NORTHERN MARSHALL ISLANDS.
AD-628 150 8G T 66 07 HC$ 6.00 MF$ 1.25

CARR, E.
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE

CRYSTALS.
N66-11767 7B U 41 08 HC$ 1.00 MF$ 0.50

CARR, R. H.
THERMAL EXPANSION OF GERMANIUM AND SILICON AT LOW TEMPERATURES.
AD-628 423 20M T 66 07

CARSON, R. W.
ON THE INFLUENCE OF REFLECTIONS FROM THE ENVIRONMENT ON HERO TEST RESULTS.
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50

CARTER, HAROLD G.
METALLOGRAPHIC METHODS ETCHING FOR BAINITIC FINE CARBIDES. A METALLOGRAPHIC METHOD FOR REVEALING THE FINE CARBIDES IN BAINITE FORMED DURING CONTINUOUS COOLING IN A NICKEL-CHROMIUM-MOLYBDENUM COMPOSITION.
AD-629 644 11F T 66 08 HC$ 3.60 MF$ 0.50

CARTER, R. H.
A STUDY OF MILITARY ELECTRONIC AND ELECTRO- MECHANICAL SPECIFICATION PART IDENTIFICATION REQUIREMENTS.
AD-629 544 15E T 66 08 HC$ 3.00 MF$ 0.75

CARTER, WILLIAM J.
FREE-ION AND CRYSTALLINE SPECTRA OF PR(3+) (PR IV).
AD-628 349 7D T 66 07

CARTLEDGE, L.
PHASED ARRAY RADAR STUDIES, 1 JANUARY 1963 TO 1 JULY 1964.
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

CARVER, CHARLES E.
MEASUREMENT OF LAMINAR VELOCITY PROFILES WITH NON-NEWTONIAN ADDITIVES USING PHOTOMICROSCOPY.
AD-628 568 20D T 66 07 HC$ 2.00 MF$ 0.50

CASE, CARL T.
THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. I. KINETICS OF HIGH-TEMPERATURE AIR IN THE PRESENCE OF AN ELECTROMAGNETIC FIELD.
AD-628 906 20I T 66 08

THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. II. NONLINEAR REFLECTION AND TRANSMISSION COEFFICIENTS OF AN INHOMOGENEOUS PLASMA SLAB.
AD-628 910 20I T 66 08

CASE, KENNETH M.
RF BREAKDOWN NEAR A CONICAL RE-ENTRY BODY.
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50

SINGULAR SOLUTIONS OF CERTAIN INTEGRAL EQUATIONS.
AD-629 685 12A T 66 08 HC$ 4.60 MF$ 0.50

CASNER, LEWIS E.
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES.
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

CASSIDY, W. A.
RESEARCH ON QUANTITIES AND CONCENTRATIONS OF EXTRATERRESTRIAL MATTER THROUGH SAM- PLINGS OF OCEAN BOTTOMS. SIX M-MONTH STATUS REPORT, MAR-AUG 1965.
N66-11769 8G U 41 08 HC$ 1.00 MF$ 0.50

CASTELL, L.
METHODS AND RESULTS OF A GENERAL THEORY OF PARTICLES WITH SPIN AND ITS CONNECTION WITH SU12.
AD-628 339 20H T 66 07

SU(12) MASS FORMULA.
AD-628 341 20H T 66 07

THE QUANTIZATION OF FIELDS WITH MAXIMUM SPIN 3/2 AND THE APPLICATION OF SU12.
AD-629 305 20H T 66 08

CASTER, E. D.
TMB 3-BLADED SUPERCAVITATING PROPELLER SERIES.
AD-628 092 13J T 66 07 HC$ 2.00 MF$ 0.50

CASTLE, RAYMOND N.
THE SYNTHESIS OF ALKYLAMINOETHANETHIOLS SUBSTITUTED WITH HETEROCYCLIC MOIETIES AND THEIR DERIVATIVES.
AD-628 069 7C T 66 07 HC$ 3.00 MF$ 0.75

CATALFAMO, CARMEN R.
PERFORMANCE ANALYSIS OF CHEMICAL STAGES IN THE 300 TO 400 SECOND SPECIFIC IMPULSE RANGE FOR INTERPLANETARY MISSIONS.
N66-12150 22C U 41 07 HC$ 3.00 MF$ 0.75

CATHEY, THOMAS R.
SPECTRUM SIGNATURE OF RADIO SET AN/GRC-27A.
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75

CATTERALL, R.
EFFECT OF ADDED ELECTROLYTE ON THE ELECTRON SPIN RESONANCE SPECTRA OF SOLUTIONS OF METALS IN AMMONIA.
AD-629 208 7D T 66 08

CAVALLI, RICHARD D.
RESEARCH ON THERAPY OF PULMONARY EDEMA ASSOCIATED WITH OXIDIZERS.
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50

CAVENESS, WILLIAM FIELDS
FINAL REPORT.
AD-466 159 6U U 41 07 HC$ 1.00 MF$ 0.50

CECCATO, SILVIO
SUGGESTIONS FOR MECHANICAL TRANSLATION.
PB-169 241 5G U 41 07 HC$ 1.00 MF$ 0.50

CEFOLA, MICHAEL
THE THERMODYNAMICS AND KINETICS OF COORDINATION COMPOUNDS.
TIO-21660 7C U 41 07 HC$ 3.00 MF$ 0.75

CHACKERIAN, CHARLES
INFRARED SPECTRUM OF (12)C(18)O2.
AD-629 380 7D T 66 08

CHAIKA, I. K.
THE EFFECT OF WETTING CORN GRAIN ON ITS PHYSICO-MECHANICAL PROPERTIES.
AD-628 421 6H T 66 07 HC$ 1.00 MF$ 0.50

CHAIKEN, R. F.
A MODEL FOR LOW-PRESSURE EXTINCTION OF SOLID ROCKET MOTORS.
AD-629 026 21H T 66 08

CHAJET, GEORGE
EFFECTIVENESS AND STUDENT ACCEPTANCE OF INDIRECT PAIRED ASSOCIATES LEARNING.
AD-628 449 5J T 66 07 HC$ 6.60 MF$ 0.75

CHAKRABARTY, R. P.
SAMPLING WITH UNEQUAL PROBABILITIES AND WITHOUT REPLACEMENT (EVALUATION OF ASYMPTOTIC VARIANCE FORMULAS).
AD-628 388 12A T 66 07 HC$ 1.60 MF$ 0.50

CHAKRAVARTI, I. M.
EXACT POWER OF SOME QUICK TESTS BASED ON MOOD'S AND MASSEY'S STATISTICS.
AD-629 256 12A T 66 08

CHAMBERS, R. P.
BROADBAND HARMONIC GENERATORS.
AD-628 271 9E T 66 07 HC$ 3.60 MF$ 0.50

CHAMBLEE, C. E.
PARTIAL ALTITUDE MILITARY QUALIFICATION TEST OF THE TF37-GE-1 TURBOFAN ENGINE.
AD-628 775 21E T 66 07 HC$ 9.60 MF$ 0.75

CHAMPAGNE, F. H.
TURBULENCE MEASUREMENTS WITH INCLINED HOT-WIRES.
AD-629 719 20M T 66 08 HC$ 5.00 MF$ 1.00

CHANDET, J. H.
INTERRELATIONSHIPS BETWEEN STORAGE STABILITY AND MOISTURE SORPTION PROPERTIES OF DEHYDRATED FOODS.
AD-629 219 6H T 66 08 HC$ 4.00 MF$ 1.00

CHANDLER, B. H.
BIOLOGICAL ACTIVITY OF BOVINE BRAIN CONSTITUENTS.
AD-628 167 6A T 66 07

CHANDRASCKHARAIAH, M. S.
A THERMODYNAMIC STUDY OF THE URANIA -URANIUM SYSTEM.
ANL-7048 7B U 41 08 HC$ 2.00 MF$ 0.50

CHANG, CHAI OK
INTERACTION POTENTIALS OF SIMPLE NONPOLAR MOLECULES WITH BORON NITRIDE.
AD-629 396 7D T 66 08

CHANG, D. B.
THEORETICAL STUDY OF SPACE PLASMAS.
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75

CHANG, SHELDON S. L.
ON THE RELATIVE TIME OF ADAPTIVE PROCESSES.
AD-629 057 9C T 66 08

CHANG, Z. F.
DEVELOPMENT OF A 50-WATT, 80-MC LINEAR AMPLIFIER TRANSISTOR.
AD-629 246 9A T 66 08 HC$ 4.00 MF$ 0.75

CHANTOONI, M. K.
CALIBRATION OF THE GLASS ELECTRODE IN ACETONITRILE. SHAPE OF POTENTIOMETRIC TITRATION CURVES. DISSOCIATION CONSTANT OF PICRIC ACID.
AD-629 614 7D T 66 08

CHAN, FRANK L.
A STUDY OF SILICON DETERMINATION IN ORGANOSILICON COMPOUNDS BY X-RAY FLUORESCENCE WITH VACUUM SPECTROGRAPH.
AD-629 488 7C T 66 08

A STUDY OF HOMOGENEITY OF SOLID SOLUTIONS OF CADMIUM SULFIDE AND CADMIUM SELENIDE BY X-RAY FLUORESCENCE.
AD-629 493 20L T 66 08

CHARAP, J. M.
A FIELD-THEORETIC PROOF OF A MODIFIED VERSION OF LEVINSON'S THEOREM.
AD-628 342 20H T 66 07

CHARNES, ABRAHAM
A GENERALIZATION OF A THEOREM OF EDMUND EISENBERG.
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50

PROPERTIES OF A GENERALIZED INVERSE WITH APPLICATIONS TO LINEAR PROGRAMMING THEORY.
AD-629 384 12B T 66 08 HC$ 3.60 MF$ 0.50

CHARNES, A.
CONSTRAINED GENERALIZED MEDIANS AND HYPERMEDIANS AS DETERMINISTIC EQUIVALENTS FOR TWO-STAGE LINEAR PROGRAMS UNDER UNCERTAINTY.
AD-628 574 12B T 66 07

CHASE, B. H.
DEVELOPMENT OF A HIGH-SENSITIVITY FAST NEUTRON DOSIMETER.
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50

CHASE, C. E.
DIELECTRIC CONSTANT OF HE3 IN THE CRITICAL REGION.
AD-628 345 20C T 66 07

EQUATION OF STATE OF 4HE IN THE CRITICAL REGION.
AD-629 186 20M T 66 08

CHASE, W. M.
GROUND SYSTEM EFFECT ON HIGH FREQUENCY ANTENNA PROPAGATION.
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50

CHEEK, C. H.
STATISTICAL EVALUATION OF GAS CHROMATOGRAPHY FOR THE DETERMINATION OF DISSOLVED GASES IN SEA WATER.
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50

CHENG, HUNG
REGGE POLES IN QUANTUM ELECTRODYNAMICS WITH MASSIVE PHOTONS.
AD-628 288 20H T 66 07

CHEN, JAMES L. S.
STRESS ANALYSIS OF REINFORCED CIRCULAR AND RECTANGULAR FLAT PLATES.
ANL-7089 20K U 41 08 HC$ 2.00 MF$ 0.50

CHEN, S. Y.
THE LONGITUDINAL AND LATERAL RANGE OF HYPERSONIC GLIDE VEHICLES WITH CONSTANT BANK ANGLE.
AD-629 124 22B T 66 08 HC$ 5.60 MF$ 0.50

CHERNIKOV, A. A.
THE COORDINATE-DOPPLER METHOD OF WIND OBSERVATION.
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50

CHERNOQUZ, D. A.
AN ALL WEATHER RESCUE LAUNCH.
AD-629 167 13J T 66 08 HC$ 1.00 MF$ 0.50

CHERNYI, G. G.
WINGS IN HYPERSONIC FLOW.
AD-628 303 20D T 66 07 HC$ 3.60 MF$ 0.50

CHERNYSHEV, V.
A RED BEAM IN THE BLACK SKY.
AD-629 473 17B T 66 08 HC$ 1.10 MF$ 0.50

CHERRY, JOHN
SAND MOVEMENT ALONG A PORTION OF THE NORTHERN CALIFORNIA COAST.
AD-628 866 8J T 66 07 HC$ 4.00 MF$ 1.00

CHERTOCK, GEORGE
FORCES ON A SUBMARINE HULL INDUCED BY THE PROPELLER.
AD-628 774 13J T 66 07 HC$ 1.60 MF$ 0.50

CHESNUT, W. G.
STUDIES OF RF SCATTERING PROCESSES FROM IONIZED UPPER ATMOSPHERIC PERTURBATIONS.
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00

CHESTNUTT, DAVID
OV-1A MOHAWK FLIGHT LOADS INVESTIGATION PROGRAM.
AD-629 632 1A T 66 08 HC$ 8.60 MF$ 0.75

CHICK, BRUCE B.
QUARTERLY REPORT.
AD-628 190 20L T 66 07 HC$ 1.10 MF$ 0.50

CHIEN, LI-CHIN
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

CHIGIR, V. G.
THE MECHANISM OF ACTION OF FIRNS ON THEIR BEDS.
AD-628 531 8L T 66 07 HC$ 1.00 MF$ 0.50

CHIKHACHEV, B. M.
CORRELATION RECEIVER FOR THE STUDY OF COSMIC RADIAL RADIATION AT LAMBDA = 21 CM.
AD-629 412 3B T 66 08 HC$ 1.60 MF$ 0.50

CHILDS, C. B.
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CYRSTALS.
AD-629 058 20L T 66 08

CHILTON, C. J.
A COMPARISON BETWEEN SOLAR X-RAY EMISSION AND VLF SUDDEN PHASE ANOMALIES.
AD-629 315 4A T 66 08

CHISUM, GLORIA T.
FLASHBLINDNESS: THE EFFECTS OF PREFLASH ADAPTATION AND PUPIL SIZE.
AD-629 589 6P T 66 08 HC$ 1.00 MF$ 0.50

CHOAT, E. E.
SIGNIFICANT PARAMETERS OF CLEAN ROOM DESIGN.
Y-EA-37 14B U 41 08 HC$ 2.00 MF$ 0.50

CHODOROW, M.
MICROWAVE RESEARCH.
AD-628 941 20E T 66 08 HC$ 1.60 MF$ 0.50

CHOLIASMENOS, C. J.
GEM RESEARCH AT THE UNIVERSITY OF KANSAS.
AD-629 725 1C T 66 08 HC$ 3.00 MF$ 0.75

CHOU, DAVID C.
BEHAVIOR OF THE SONIC BOOM SHOCK WAVE NEAR THE SONIC CUTOFF ALTITUDE.
N66-13241 20A U 41 07 HC$ 3.00 MF$ 0.50

CHOW, W. L.
COMPRESSIBLE NON-ISOENERGETIC TWO-DIMENSIONAL TURBULENT (PR SUB T = 1) JET MIXING AT CONSTANT PRESSURE. AUXILIARY INTEGRALS, HEAT TRANSFER AND FRICTION COEFFICIENTS FOR FULLY DEVELOPED MIXING PROFILES.
AD-629 011 20D T 66 08

CHRISTENSEN, AAGE MOELLER
LIFE HISTORY AND BIOLOGY OF KRONBORGIA AMPHIPODICOLA CHRISTENSEN AND KANNEWORFF (TURBELLARIA, NEORHABDOCOELA).
AD-628 590 8A T 66 07

CHU, WEN-HWA
SLOSHING OF LIQUIDS IN CYLINDRICAL TANKS OF ELLIPTIC CROSS-SECTION.
AD-629 284 20D T 66 08 HC$ 2.60 MF$ 0.50

CHU, W. H.
SUBHARMONIC OSCILLATIONS IN AN ARBITRARY AXISYMMETRIC TANK RESULTING FROM AXIAL EXCITATION.
N66-12190 20D U 41 08 HC$ 3.00 MF$ 0.75

CICCONI, G.
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROBURENT, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

CIEGLER, ALEX
PRODUCTION OF BETA-CAROTENE.
PATENT 3,226,302 7A U 41 08

CLAPPER, W. E.
INTESTINAL SPIROCHETES AND DISEASE IN DOGS.
LF-27 6M U 41 07 HC$ 1.00 MF$ 0.50

CLARKE, H. F.
IMPACT RESISTANCE OF CASKS.
CONF-641201-16 13D U 41 07 HC$ 2.00 MF$ 0.75

CLARK, BRANT
THE ROLE OF VESTIBULAR NYSTAGMIS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK.
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. I. METHODOLOGY AND PRELIMINARY RESULTS.
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. III. HABITUATION AND TECHNIQUE OF ASSUMING THE TURN AS FACTORS IN ILLUSORY PERCEPTION.
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50

VERTIGO AS A CAUSE OF PILOT ERROR IN JET AIRCRAFT.
AD-468 151 6S U 41 07 HC$ 1.00 MF$ 0.50

CLARK, DON M.
LONG RANGE SEISMIC MEASUREMENTS. CUP.
AD-629 431 8K T 66 08 HC$ 3.60 MF$ 0.50

CLARK, O. M.
TEMPERATURE DEPENDENCE OF THE INFRARED SPECTRA OF SELECTED DIELECTRICS II.
AD-628 793 20L T 66 07 HC$ 2.60 MF$ 0.50

CLARK, RICHARD F.
CALIBRATION FACILITY FOR RF QUANTITIES OFFERS CENTRAL TIE-IN FOR TESTING LABS.
AD-629 752 14B T 66 08

CLELAND, W. E.
TECHNIQUE FOR FORMING PRESSURE WINDOWS FROM THIN METAL SHEETS.
AD-628 877 13H T 66 07

CLEMENS, GEORGE W.
A FEASIBILITY STUDY OF A COMMUNICATIONS SATELLITE FOR DEEP-SPACE MONITORING.
N66-13020 22B U 41 07 HC$ 2.00 MF$ 0.50

CLIFF, NORMAN
MULTIDIMENSIONAL SCALING AND COGNITION: I. RELATIONS AMONG JUDGEMENTS OBTAINED UNDER VARYING CONDITIONS.
AD-628 221 5J T 66 07 HC$ 2.00 MF$ 0.50

CLINE, G. B.
SEMIANNUAL CONTRACT PROGRESS REPORT TO THE NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, MARCH 1-SEPTEMBER 15, 1965.
ORNL-3883 6M U 41 07 HC$ 2.00 MF$ 0.50

CLOUGH, SHEPARD A.
OZONE ABSORPTION IN THE 9.0 MICRON REGION.
AD-628 059 7D T 66 07 HC$ 3.00 MF$ 0.75

CLOYD, D. R.
HANDLING HAZARDOUS MATERIALS.
N65-35394 21D U 41 07 MF$ 0.75

COBB, L. GLEN
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.

AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

COCHRANE, DAVID
MECHANICAL VIBRATION: A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES.
AD-628 920 21B T 66 08 HC$ 3.60 MF$ 0.50

COCHRAN, B. T.
LIGHTWEIGHT AUDIO ACCESSORIES.
AD-628 672 17B T 66 07 HC$ 1.60 MF$ 0.50

COCHRAN, JOHN
HIGH POWER VARACTOR FOR UHF TRANSMISSION.
AD-628 131 9A T 66 07 HC$ 3.00 MF$ 0.75

COCKETT, A. T. K.
CHRONIC EFFECTS OF REVASCULARIZING THE ISCHEMIC HYPERTENSIVE KIDNEY UTILIZING A SEGMENT OF ILEUM.
AD-629 177 6E T 66 08

COE, HAROLD H.
SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM.
N66-12252 7D U 41 07 HC$ 2.00 MF$ 0.50

COFER, CHARLES N.
SOME OBSERVATIONS ON THE USE OF FREE WORD ASSOCIATIONS IN THE SELECTION OF WORDS IN THE CONSTRUCTION OF SENTENCES.
AD-628 850 5J T 66 07 HC$ 1.00 MF$ 0.50

SOME DATA ON CONTROLLED ASSOCIATION.
AD-628 851 5J T 66 07 HC$ 1.00 MF$ 0.50

INCIDENTAL LEARNING WITH WORD PAIRS VARYING IN ASSOCIATIVE OVERLAP AND CATEGORY MEMBERSHIP.
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50

FURTHER STUDY OF ASSOCIATIVE REACTIONS TO COMPOUND VERBAL STIMULI.
AD-628 853 5J T 66 07 HC$ 1.00 MF$ 0.50

COFFIN, R. C.
COMPACTED-SNOW RUNWAYS IN ANTARCTICA, DEEP FREEZE 61-64 TRIALS.
AD-629 675 8L T 66 08 HC$ 4.60 MF$ 0.50

COFFMAN, ROBERT E.
THERMOLUMINESCENT FORMATION OF CR(2+) IN MAGNESIUM OXIDE.
AD-629 660 20L T 66 08

COHEN, B. L.
SPECTROSCOPIC FACTORS FROM DEUTERON STRIPPING REACTIONS LEADING TO GROUND AND FIRST EXCITED STATES OF EVEN SPHERICAL NUCLEI.
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50

COHEN, DONALD S.
NEW EIGENFUNCTION EXPANSIONS AND ALTERNA- TIVE REPRESENTATIONS FOR THE REDUCED WAVE EQUATION.
AD-629 649 12A T 66 08

COHEN, JEROME E.
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

COHEN, J. B.
ON THE MEANING OF THE FAULT PARAMETERS MEASURED BY X-RAYS: I. STRAIN DISTRIBUTIONS IN SHOCK-LOADED SINGLE CRYSTALS OF COPPER: II.
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50

COHEN, MARSHALL H.
INDEX OF REFRACTION SURFACES FOR PLASMA WAVES.
AD-628 273 20I T 66 07

COHEN, THEODORE
THE REACTIONS OF 2- AND 4-PICOLINE N-OXIDE WITH PHENYLACETIC ANHYDRIDE.
AD-629 711 7C T 66 08

COHEN, WILLIAM
THE INACTIVATION OF CHYMOTRYPSIN BY DIPHENYLCARBAMYL CHLORIDE AND ITS REACTIVATION BY NUCLEOPHILIC AGENTS.
AD-628 645 6A T 66 07

COLBERG, S. R.
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 3. ACOUSTIC SOFTENING AT HIGH STRAIN RATES.
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 5. DISCUSSION.
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50

COLE, A. E.
STRATOSPHERIC TEMPERATURE VARIATIONS, 25 TO 55 KILOMETERS, AT LATITUDE 15 DEGREES N.
AD-628 903 4B T 66 08

COLE, C. K.
EFFECT OF CUMULATIVE DAMAGE ON THE BIAXIAL COMPRESSIVE FATIGUE PERFORMANCE OF FILAMENT WOUND LAMINATES.
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50

COLE, L. J.
X-RAY INDUCED GLOMERULOSCLEROSIS IN RATS: MODIFICATION OF LESION BY FOOD RESTRICTION, UNINEPHRECTOMY, AGE.
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50

COLLINS, DONALD J.
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

COLLINS, D. J.
ESTABLISHMENT OF STANDARDS FOR COMPATABILITY OF PRINTED CIRCUIT AND COMPONENT LEAD MATERIALS.
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00

COLLINS, H. E.
THE ADSORPTION OF SULFUR ON COPPER.
AD-629 483 7D T 66 08 HC$ 3.60 MF$ 0.50

COLLISON, HAROLD A.
DETERMINATION OF HUMAN BODY VOLUME FROM HEIGHT AND WEIGHT.
AD-628 948 6P T 66 08

COLMAN, W. P.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGENOXYGEN FUEL CELLS.
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50

COLQUITT, LEROY
ELECTRICAL AND THERMAL RESISTIVITIES OF THE NON-MAGNETIC TRANSITION METALS WITH A TWO-BAND MODEL.
AD-629 655 20J T 66 08

COLTRIN, R. E.
NUCLEAR ROCKET SIMULATOR TESTS FLOW INITIATION WITH TURBINE ACCELERATED TANK PRESSURE 50 PSIA, RUN 11.
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75

COLTRIN, R. J.
NUCLEAR ROCKET SIMULATOR TESTS, FLOW INITIATION WITH NO TURBINE GAS TANK PRESSURE, 35 PSIA RUN 1.
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50

COLWELL, R. N.
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA.
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

COMPERE, E. L.
SNAP-8 CORROSION PROGRAM SUMMARY REPORT.
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25

COMPTON, D. M. J.
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10645 10A U 41 08 HC$ 1.00 MF$ 0.50

COMYN, R. H.
MEASUREMENT OF PARTICLE SIZE OF COMPONENTS OF GASLESS MIXTURES.
PB-169 368 14B U 41 08 HC$ 3.60 MF$ 0.50

CONANT, R. K.
HYBRID COMPUTER MONTE-CARLO TECHNIQUES.
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50

CONKLIN, D. E.
EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

A STUDY TO DEVELOP A MECHANIZED WELDING PROCEDURE TO JOIN THICK-GAGE ALUMINUM ALLOY PLATE USING NARROW-GAP TECHNIQUES.
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75

CONNER, FOX
A FLIGHT AND WIND TUNNEL INVESTIGATION OF THE EFFECT OF ANGLE-OF-ATTACK RATE ON MAXIMUM LIFT COEFFICIENT.
N65-35827 1A U 41 07 HC$ 3.00 MF$ 0.50

CONNER, J. P.
A COMPARISON BETWEEN SOLAR X-RAY EMISSION AND VLF SUDDEN PHASE ANOMALIES.
AD-629 315 4A T 66 08

CONNOR, DANIEL H.
MYCOBACTERIUM ULCERANS INFECTION (WITH COMMENTS ON PATHOGENESIS).
AD-629 344 6E T 66 08

CONNOR, T. ROBERT
DISSOCIATIVE RECOMBINATION IN NEON: SPECTRAL LINE-SHAPE STUDIES.
AD-628 658 7D T 66 07

CONTAMIN, GHISLAINE
DOSAGE DU CHLORE ET DU FLUOR PAR SPECTROGRAPHIE D'EMISSION EN ATMOSPHERE INERTE (SPECTROGRAPHIC DETERMINATION OF CHLORINE AND FLUORINE).
PB-169 229 7D U 41 08 HC$ 2.00 MF$ 0.50

CONWAY, J. B.
ENTHALPY AND THERMAL EXPANSION OF SEVERAL REFRACTORY METALS TO 2500 DEGREE C.
GE-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50

COOK, C. SHARP
SUPPOSE WE COLLIDE WITH A PLANETOID.
AD-628 218 3C T 66 07 HC$ 2.60 MF$ 0.50

COOK, MELVIN A.
ORIGIN OF DETONATION-GENERATED IONIZATION WAVES.
AD-629 231 19D T 66 08 HC$ 2.00 MF$ 0.50

DETONATION-GENERATED IONIZATION WAVES AT REDUCED PRESSURES.
AD-629 238 19D T 66 08 HC$ 2.00 MF$ 0.50

INFLUENCE OF ELECTRICAL FIELDS ON SHOCK OF DETONATION TRANSITION.

AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50

COOPER, A. G.
THE INACTIVATION OF CHYMOTRYPSIN BY DIPHENYLCARBAMYL CHLORIDE AND ITS REACTIVATION BY NUCLEOPHILIC AGENTS.
AD-628 645 6A T 66 07

COOPER, G. P.
THE EFFECTS OF VARIOUS GASES WITHIN THE NASAL CAVITIES OF RATS ON THE RESPONSE OF OLFACTORY BULB NEURONS TO X IRRADIATION.
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50

COOPER, ROBERT F.
AN ANALYSIS OF RADIOISOTOPE POWERED THRUSTORS FOR SPACE PROPULSION.
AD-425 715 18N U 41 07 HC$ 1.00

COOPER, W. W.
CONSTRAINED GENERALIZED MEDIANS AND HYPERMEDIANS AS DETERMINISTIC EQUIVALENTS FOR TWO-STAGE LINEAR PROGRAMS UNDER UNCERTAINTY.
AD-628 574 12B T 66 07

COPELAND, JAMES L.
CONTACT POTENTIAL DIFFERENCE BETWEEN SILVER NITRATE AND SILVER.
AD-629 075 7D T 66 08

COPELAND, W. L.
EXPERIMENTAL NOISE STUDIES OF INLET-GUIDE-VANE-ROTOR-STATOR INTERACTIONS FOR A SINGLE-STAGE AXIAL-FLOW COMPRESSOR.
N66-10651 20A U 41 08 HC$ 1.00 MF$ 0.50

CORBETT, GERALD E.
NITROBENZENESULFONYL PEROXIDES AS REAGENTS FOR AROMATIC SUBSTITUTION.
AD-629 477 7C T 66 08

CORDES, J. G.
ANALYTIC PROPERTIES OF PARTIAL-WAVE AMPLITUDES FOR PRODUCTION PROCESSES.
AD-629 244 20H T 66 08

CORENZWIT, E.
SOME NEW SUPERCONDUCTING COMPOUNDS.
AD-628 822 20L T 66 07

SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

CORNELIUS, ARCHIE
AN INVESTIGATION OF INSTABILITIES ENCOUNTERED DURING HEAT TRANSFER TO A SUPERCRITICAL FLUID.
ANL-7032 20M U 41 08 HC$ 3.00 MF$ 0.75

CORNETT, JOHN S.
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

CORNISH, R. H.
EFFECT OF CUMULATIVE DAMAGE ON THE BIAXIAL COMPRESSIVE FATIGUE PERFORMANCE OF FILAMENT WOUND LAMINATES.
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50

CORSET, J.
EFFECT OF ADDED ELECTROLYTE ON THE ELECTRON SPIN RESONANCE SPECTRA OF SOLUTIONS OF METALS IN AMMONIA.
AD-629 208 7D T 66 08

CORWIN, RICHARD R.
EXPERIMENTAL DETERMINATION OF ION EXCITATION ENERGIES AND DENSITIES IN A LOW PRESSURE DISCHARGE.
AD-628 795 20I T 66 07 HC$ 2.00 MF$ 0.50

COTILLA, E. J.
AUTOMATIC SONOBUOY FUNCTION SELECTOR.
AD-629 724 17A T 66 08 HC$ 2.60 MF$ 0.50

COTTINGTON, R. L.
THE ADHESION OF ICE TO HYDROPHOBIC SURFACES.
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50

COUCH, MARDELLE L.
MEASUREMENT OF PARTICLE SIZE OF COMPONENTS OF GASLESS MIXTURES.
PB-169 368 14B U 41 08 HC$ 3.60 MF$ 0.50

COULBERT, C. D.
REFRACTORY THRUST CHAMBERS FOR SPACECRAFT ENGINES.
N66-12874 21H U 41 08 HC$ 5.00 MF$ 1.00

COULES, JOHN
INFORMATION TRANSMISSION IN A PATTERN DISCRIMINATION TASK AS A FUNCTION OF INITIAL TASK DIFFICULTY.
AD-628 109 5J T 66 07

COULSON, W. F.
THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY.
AD-629 259 6A T 66 08

COUNTERMAN, WILLIAM A.
ELECTRONIC DIGITAL COMPUTER ELAPSED PROCESSING TIME METER.
PATENT 3,221,489 9B U 41 07

COXELL, H.
SURVEY OF COSMIC-RAY INTENSITY IN THE LOWER ATMOSPHERE.
AD-628 884 4A T 66 08

COX, A. PETER
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE.
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

COX, GEOFFREY G.
SUPERCAVITATING PROPELLER THEORY. PART I. THE DERIVATION OF INDUCED VELOCITY EQUATIONS AND FORMULATION OF AN INITIAL DESIGN PROCEDURE.
AD-629 735 13J T 66 08 HC$ 3.60 MF$ 0.50

COX, JACK B.
FORECASTING THE FREEZING LEVEL OBJECTIVELY AS AN AID IN FORECASTING THE LEVEL OF ICING.
PB-169 247 4B U 41 07 HC$ 1.00 MF$ 0.50

COX, JOHN A.
A STUDY OF MATHEMATICAL SKILLS REQUIREMENTS FOR BASIC ELECTRONICS IN THE U. S. ARMY AIR DEFENSE SCHOOL.
AD-628 701 5I T 66 07 HC$ 2.00 MF$ 0.50

COX, J. R.
A MOBILE LABORATORY FOR GROUP HEARING TESTS.
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50

COYNE, J. C.
CONDITIONS FOR THE RUPTURE OF A LUBRICATING FILM.
AD-629 039 11H T 66 08 HC$ 3.00 MF$ 0.50

CRAIG, ANDREW
INVESTIGATION OF THE CONCEPT OF DIRECT FLIGHT CONTROL.
AD-628 087 1C T 66 07 HC$ 2.00 MF$ 0.50

CRAIG, SAMUEL E.
SATELLITE-TO-SATELLITE RADIO PROPAGATION EXPERIMENT.
AD-628 222 20N T 66 07 HC$12.60 MF$ 1.00

CRAMPTON, S. B.
HYPERFINE SEPARATION OF DEUTERIUM.
AD-628 465 7D T 66 07

CRAM, DONALD J.
FORMATION OF A CYCLOPROPANE RING FROM AN ALPHA, BETA-UNSATURATED CARBOXYLIC ACID.
AD-628 402 7C T 66 07

BASE-CATALYZED INTRAMOLECULAR 1,3- AND 1,5-PROTON TRANSFERS.
AD-629 638 7C T 66 08

ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XXII. INTRAMOLECULAR HYDROGEN TRANSFER REACTIONS IN BASE-CATALYZED ALLYLIC REARRANGEMENTS.
AD-629 639 7C T 66 08

ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XIII. STEREOCHEMICAL STABILITY OF ALLYLIC AND VINYL ANIONS.
AD-629 641 7C T 66 08

CRAM, D. J.
ON THE CLAIM OF A BIMOLECULAR MECHANISM OF PROTOTROPY.
AD-629 640 7C T 66 08

CRANDALL, L. W.
REINFORCED CONCRETE. DESIGN DATA.
AD-628 139 13M T 66 07 MF$ 1.00

CRANDALL, RICHARD S.
PHOTOCONDUCTIVITY OF KBR CONTAINING F CENTERS.
AD-629 033 20L T 66 08

CRANE, HEWITT D.
EXPERIMENTS IN TACTUAL PERCEPTION.
N65-36764 5J U 41 07 HC$ 6.00 MF$ 1.25

CRANE, L.
MECHANICAL VIBRATION: A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES.
AD-628 920 21B T 66 08 HC$ 3.60 MF$ 0.50

AN EXPERIMENTAL AND THEORETICAL ANALYSIS OF CYLINDRICAL LIQUID JETS SUBJECTED TO VIBRATION.
AD-629 243 20D T 66 08

CRANGERG, LAWRENCE
MEASUREMENTS OF FAST NEUTRON CROSS SECTIONS.
MMPP-FRPC-64-2 18K U 41 07 HC$ 3.00 MF$ 0.75

CRAWFORD, WILLIAM O.
DEVELOPMENT OF AN IMPROVED RINSE SOLUTION FOR PHOSPHATE COATINGS THROUGH ADDITION OF ORGANIC ACIDS.
AD-628 072 11C T 66 07 HC$ 1.00 MF$ 0.50

CRAWFORD, YORK E.
EPIDEMIOLOGY AND PREVENTION OF ACUTE RESPIRATORY DISEASE IN NAVAL RECRUITS.
AD-628 556 6E T 66 07

CREAGER, WILLIAM A.
A SERIALS DATA PROGRAM FOR SCIENCE AND TECHNOLOGY. RESULTS OF A FEASIBILITY STUDY.
PB-169 405 9B U 41 08 HC$ 5.00 MF$ 1.00

CREWS, JOHN H.
LOCAL PLASTIC STRESSES IN SHEET ALUMINUM-ALLOY SPECIMENS WITH STRESS-CONCENTRATION FACTOR OF 2 UNDER CONSTANT-AMPLITUDE LOADING.
N66-12531 1C U 41 07 HC$ 1.00 MF$ 0.50

CREW, ROBERT J.
DISTRIBUTION OF VOLCANIC FALLOUT IN AND ABOUT A ONE-STORY RESIDENCE.
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75

CRIGLER, J. L.
EXPERIMENTAL NOISE STUDIES OF INLET-GUIDE-VANE-ROTOR-STATOR INTERACTIONS FOR A SINGLE-STAGE AXIAL-FLOW COMPRESSOR.
N66-10651 20A U 41 08 HC$ 1.00 MF$ 0.50

CRISTOL, STANLEY J.
BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IBRATION STUDIES OF SOME SUBSTITUTED DIBENZO BICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES.
AD-629 547 7C T 66 08

CRIVELLO, J. V.
SOME SELECTED SCHIFF-BASE EXCHANGE REACTIONS.
N66-11766 7C U 41 08 HC$ 1.00 MF$ 0.50

CROCKER, M. V.
THE EFFECTS UPON SHOCK MEASUREMENTS OF LIMITED FREQUENCY RESPONSE INSTRUMENTATION.
N66-12191 14B U 41 08 HC$ 2.00 MF$ 0.50

CROMBIE, D. D.
FURTHER OBSERVATIONS OF SUNRISE AND SUNSET FADING OF VERY-LOW-FREQUENCY SIGNALS.
AD-629 331 20N T 66 08

ON THE USE OF VLF MEASUREMENTS FOR OBTAINING INFORMATION ON THE LOWER IONOSPHERE (ESPECIALLY DURING SOLAR FLARES).
AD-629 332 4A T 66 08

CROOKER, T. W.
FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CB-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

CROSSWHITE, H. M.
FREE-ION AND CRYSTALLINE SPECTRA OF PR(3+) (PR IV).
AD-628 349 7D T 66 07

CROSS, DAVID V.
STIMULUS GENERALIZATION AS A FUNCTION OF DRIVE SHIFT.
AD-629 034 5J T 66 08

CROSS, KENNETH.
TASK PREDICTABILITY IN THE ORGANIZATION, ACQUISITION, AND RETENTION OF TRACKING SKILL.
AD-629 566 5J T 66 08

CROWELL, A. D.
INTERACTION POTENTIALS OF SIMPLE NONPOLAR MOLECULES WITH BORON NITRIDE.
AD-629 396 7D T 66 08

CROXATTO, H.
VASOPRESSOR AND OXYTOCIC ACTIVITIES IN HUMAN HYPOTHALAMUS, POSTERIOR AND ANTERIOR LOBES OF THE PITUITARY GLAND.
AD-629 559 6P T 66 08

CROZIER, M. H.
OPTICAL ZEEMAN EFFECT IN THE R1 AND R2 LINES OF MN(4+) IN A1203.
AD-628 346 20L T 66 07

CRUZAN, J. S.
PRODUCIBILITY OF POTTING COMPOUNDS.
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50

CUBBERLY, H. A.
OPTICAL SPOT SIZE STUDY FOR DATA EXTRACTION FROM A TRANSPARENCY.
AD-628 588 17H T 66 07 HC$ 3.00 MF$ 0.75

CUDABACK, D. D.
STRUCTURE OF THE CENTRAL COMPONENT OF CENTAURUS A.
AD-629 290 3B T 66 08

CULLEN, W. R.
ADDITION OF FLUOROACETYLENES TO GROUP V HYDRIDES.
AD-628 474 7C T 66 07

CULLOM, J. M.
THERMAL OPTIC DISTORTION.
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50

CULSHAW, W.
COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. II. EXPERIMENTAL.
AD-628 469 20E T 66 07

COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. I. THEORETICAL.
AD-628 470 20F T 66 07

CULVER, R. C.
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME I. THE EFFECT OF STRAIN RATE ON THE FLOW STRESS OF COPPER.
AD-628 865 11F T 66 07 HC$ 2.00 MF$ 0.50

CUNINGHAME, J. G.
RADIOCHEMISTRY OF ARSENIC.
NAS-NS-3002 7E U 41 08 HC$ 1.00 MF$ 0.50

CURRY, DONALD M.
AN ANALYSIS OF CHARRING ABLATION THERMAL PROTECTION SYSTEM.
N66-13230 22B U 41 07 HC$ 4.00 MF$ 0.75

CURTISS, H. C.
DOWNWASH TESTS OF THE DUAL TANDEM DUCTED PROPELLER VTOL RESEARCH AIRCRAFT CONFIGURATIONS TO EVALUATE ENGINE INLETS, PROTECTION DEVICES AND STUDY AERODYNAMIC INTERFERENCE.
AD-628 669 1A T 66 07 HC$16.00 MF$ 1.00

CURTISS, J. H.
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS ON THE LOCUS OF THE INTERPOLATION POINTS.
AD-629 626 12A T 66 08

CUTLER, P. H.
FIELD IONIZATION OF AN ATOM NEAR A METAL SURFACE.
AD-629 676 20H T 66 08

CVETANOVIC, R. J.
REACTION OF OXYGEN ATOMS WITH ACETALDEHYDE.
AD-629 748 7C T 66 08

CZAJKOWSKI, M.
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. III. ENERGY TRANSFER IN CESIUM-CESIUM COLLISIONS.
AD-629 065 7E T 66 08

CZERLINSKY, E.
DISAPPEARANCE OF MAGNETOCRYSTALLINE ANISOTROPY EFFECTS ON SPIN RESONANCE OF YIG.
AD-629 716 20L T 66 08

CZYZAK, S. J.
ATOMIC WAVE FUNCTIONS, COLLISION CROSS-SEC- TIONS, AND TRANSITION PROBABILITIES OF FE IONS.
AD-629 437 3B T 66 08

DACONS, JOSEPH C.
NITROALKYLAMINES.
PATENT 3,219,706 7C U 41 08

DAGEN, H.
ANALYSIS OF SAFETY ASPECTS OF AIRCRAFT LANDING OPERATIONS.
AD-630 087 18 U 41 07 HC$ 5.00

DAGGETT, N. L.
A COMPUTER FOR VOCODER PITCH EXTRACTION.
AD-629 361 9B T 66 08 HC$ 2.00 MF$ 0.50

DAGNINO, I.
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROQUERET, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

DAHLSTROM, ANNICA
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS.
AD-628 741 6P T 66 07

DAIBER, J. W.
ESTIMATES OF NONEQUILIBRIUM IONIZATION PHENOMENA IN THE INVISCID APOLLO PLASMA SHEATH.
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75

DALELIO, G. F.
SOME SELECTED SCHIFF-BASE EXCHANGE REACTIONS.
N66-11766 7C U 41 08 HC$ 1.00 MF$ 0.50

DALE, JOHN M.
DEVELOPMENT OF EQUIPMENT AND PROCEDURES FOR PRODUCING LARGE QUANTITIES OF FOAMED SULPHUR IN THE FIELD.
AD-628 064 11G T 66 07 HC$ 1.00 MF$ 0.50

DALGARNO, A.
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE.
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00

DALRYMPLE, GLENN V.
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

DALY, RICHARD T.
LASER TECHNOLOGY.
AD-628 253 20E T 66 07

DAMJANOVIC, A.
REVERSIBLE OXYGEN ELECTRODES.
AD-628 171 10B T 66 07 HC$ 3.60 MF$ 0.50

DAM, H. VAN
JOINT REPORT TO AIR FORCE OFFICE OF SCIENTIFIC RESEARCH AND OFFICE OF NAVAL RESEARCH.
AD-628 256 20J T 66 07 HC$ 1.00 MF$ 0.50

DANCE, WILLIAM E.
INVESTIGATIONS OF ELECTRON INTERACTIONS WITH MATTER. PART I. BREMSSTRAHLUNG PRODUCTION IN ALUMINUM AND IRON. PART II. ELECTRON SCATTERING IN ALUMINUM.
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75

DANFORTH, HAINES H.
TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS.
AD-628 565 3B T 66 07

DANIELS, G. M.
TIME DELAYS BETWEEN THE INTENSITY VARIATIONS OF THE 3914 A AND 5577 A SPECTRAL LINES IN ARTIFICIAL AURORAS.
AD-629 121 4A T 66 08

DANIEL, I. M.
EXPERIMENTAL STUDY OF STRESS WAVE INTERACTION IN PHOTOVISCOELASTIC PLATES.
AD-628 806 13M T 66 07 HC$ 5.00 MF$ 1.25

DANIEL, J. W.
ASCENT AND DESCENT ABORT FLIGHT CORRIDORS FOR ORBITAL

TRANSPORT VEHICLES,
N66-10610 22D U 41 08 HC$ 5.00 MF$ 1.25

DANNENBERG, ROBERT E.
A NOTE ON WIRE IGNITION IN COMBUSTION-HEATED DRIVERS FOR SHOCK-TUNNEL APPLICATION,
N65-35956 14B U 41 07 HC$ 1.00 MF$ 0.50

DANNHAUSER, W.
DIELECTRIC CONSTANT OF HYDROGEN-BONDED LIQUIDS. IV. EQUILIBRIUM AND RELAXATION STUDIES OF HOMOLOGOUS NEO-ALCOHOLS,
AD-628 410 7D T 66 07

DANNLEY, RALPH L.
NITROBENZENESULFONYL PEROXIDES AS REAGENTS FOR AROMATIC SUBSTITUTION,
AD-629 477 7C T 66 08

DANTZIG, GEORGE B.
ON THE CONTINUITY OF THE MINIMUM SET OF A CONTINUOUS FUNCTION,
AD-628 625 12B T 66 07 HC$ 6.60 MF$ 0.75

DANTZ, P. A.
ECCENTRICALLY LOADED LONG PILES.
AD-628 996 13M T 66 08 HC$11.60 MF$ 0.75

DARREFF, F. P.
MULTIPATH ENVIRONMENT SIMULATOR.
AD-628 871 20N T 66 07 HC$ 2.60 MF$ 0.50

DASH, J. G.
EFFECTS OF TURBULENCE IN HE II THERMAL COUNTERFLOW,
AD-629 533 20D T 66 08

DATEL, WILLIAM E.
PRINCIPLES AND TECHNIQUES IN ARMY MENTAL HYGIENE CONSULTATION,
AD-628 735 6E T 66 07 HC$ 1.00 MF$ 0.50

DAVID, H. A.
EXACT DISTRIBUTION OF THE SUM OF INDEPENDENT IDENTICALLY DISTRIBUTED DISCRETE RANDOM VARIABLES,
AD-628 654 12A T 66 07

THE PERFORMANCE OF SEVERAL TESTS FOR OUTLIERS,
AD-628 655 12A T 66 07

DAVIES, R. H.
VALIDITY OF THE JARMAIN-SANDEMAN SERIES FOR CALCULATING POTENTIAL CURVES OF DIATOMIC MOLECULES,
AD-628 660 7D T 66 07

DAVIS, EARL E.
SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

DAVIS, H. T.
TRANSPORT EQUATION OF A BROWNIAN PARTICLE IN AN EXTERNAL FIELD,
AD-628 373 20H T 66 07

DAVIS, JAMES A.
EFFECT OF SURFACE PINNING ON THE MAGNETIZATION OF THIN FILMS,
AD-629 654 20L T 66 08

DAVIS, J. M.
STUDY OF TANDEM ROTOR HELICOPTER DYNAMICS FOLLOWING POWER FAILURE AT HIGH SPEED.
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50

DAVIS, MILES
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE,
AD-628 619 6E T 66 07

DAVIS, M. C.
TESTING SHIP MODELS IN TRANSIENT WAVES,
AD-628 440 13J T 66 07 HC$ 4.60 MF$ 0.50

DAVIS, P. A.
TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-10877 4B U 41 08 HC$ 2.00 MF$ 0.50

DAVIS, RONALD G.
MATHEMATICAL TARGETING II: THE ANALYSIS OF ANALYTICAL AEROTRIANGULATION TECHNIQUES BY SIMULATION METHODS.
AD-629 628 8B T 66 08 HC$13.60 MF$ 1.00

DAVIS, T. N.
AURORAL ELECTROJET ACTIVITY INDEX AE AND ITS UNIVERSAL TIME VARIATIONS,
N66-11206 4A U 41 08 HC$ 3.00 MF$ 0.50

DAWSON, D. S.
ADDITION OF FLUOROACETYLENES TO GROUP V HYDRIDES,
AD-628 474 7C T 66 07

DAYTON, RUSSELL W.
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING OCTOBER 1965,
BMI-1748 (DEL.) 18J U 41 08 HC$ 2.00 MF$ 0.50

DAY, P. W.
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

DE ANGELIS, ROBERT J.
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

DE ANGELIS, R. J.
ON THE MEANING OF THE FAULT PARAMETERS MEASURED BY X-RAYS: I. STRAIN DISTRIBUTIONS IN SHOCK-LOADED SINGLE CRYSTALS OF COPPER; II.
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50

DE COSSIO, R. DIAZ
STRENGTH AND BEHAVIOR OF SIMULATED CULVERT SECTIONS FAILING IN SHEAR.
AD-628 285 13B T 66 07 HC$ 8.60 MF$ 0.75

DE DECKER, R. W.
INVESTIGATION OF AN ISOLATED MONOCYCLIC V/STOL PROPELLER PERFORMANCE AND OSCILLATORY STRESS.
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75

DE LA FUENTE, VICTORINO
PRELIMINARY REPORT ON ABNORMAL HEMOGLOBINS IN FILIPINOS,
AD-628 152 6E T 66 07

DE LUCCIA, JOHN J.
EVALUATION OF METALLIC MATERIALS EXPOSED TO THE DEEP OCEAN ENVIRONMENT AT 5640 FEET FOR 123 DAYS,
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75

DE MAINE, P. A. D.
ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS.
AD-629 551 7B T 66 08

SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES.
AD-629 552 7B T 66 08

SOLVENT EFFECTS ON CHARGE-TRANSFER COMPLEXES. II. COMPLEXES OF 1,3,5- TRINITROBENZENE WITH BENZENE, MESITYLENE, DURENE, PENTAMETHYLBENZENE, OR HEXAMETHYLBENZENE,
AD-629 553 7C T 66 08

DE ROBERTIS, EDUARDO
ACTION OF RESERPINE, IPRONIAZID AND PYROGALLOL ON NERVE ENDINGS OF THE PINEAL GLAND,
AD-629 054 6O T 66 08

DE ROBERTIS, E.
ULTRASTRUCTURE AND PHARMACOLOGICAL STUDIES OF NERVE ENDINGS IN THE PINEAL ORGAN,
AD-628 435 6P T 66 07

THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND,
AD-629 053 6O T 66 08

DE VOTO, R. S.
ARGON PLASMA TRANSPORT PROPERTIES,
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50

DEAL, JOSEPH HAMILTON
COMMUNICATION CHARACTERISTICS OF PHOTOELECTRIC DETECTION.
AD-628 546 9D T 66 07 HC$ 3.00 MF$ 0.75

DEAL, PERRY L.
A STUDY OF GEMINI-AGENA DOCKING USING A FIXED-BASE SIMULATOR EMPLOYING A CLOSED-CIRCUIT TELEVISION SYSTEM.
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50

DEAN, P. N.
COMPUTER REDUCTION OF METABOLIC DATA OBTAINED FROM SCINTILLATION COUNTERS,
LA-3298 9B U 41 07 HC$ 2.00 MF$ 0.50

DEAVERS, S.
INFLUENCE OF AUTOLOGOUS AND HOMOLOGOUS BLOOD EXCHANGE ON THE BLEEDING VOLUME OF DOGS,
AD-628 723 6E T 66 07

DEBARY, E.
TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME I.
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME II.
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME III.
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50

DECELL, J. L.
ARTILLERY WEAPON DUST ALLEVIATION TESTS.
AD-628 731 15G T 66 07 HC$ 5.60 MF$ 0.50

DECKERS, J. M.
DISTRIBUTION OF ENERGY IN THE PRODUCTS OF REACTIONS UNDER FLAME AND RELATED CONDITIONS.
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50

DECK, HAROLD R.
SELECTIVE REDUCTIONS. VIII. THE STEREOCHEMISTRY OF REDUCTION OF CYCLIC AND BICYCLIC KETONES BY THE ALKOXY-SUBSTITUTED LITHIUM ALUMINUM HYDRIDES,
AD-629 470 7C T 66 08

DEHORITY, G. L.
ACOUSTIC LOSSES OF A SUBSCALE, COLD-FLOW ROCKET MOTOR FOR

VARIOUS 'J' VALUES.
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75

DELAHAY, PAUL
COULOSTATIC STUDY OF RESIDUAL OXYGEN IN ELECTRO-CHEMICAL INVESTIGATIONS.
AD-466 907 7D U 41 08 HC$ 2.00 MF$ 0.50

DELANEY, E. P.
PHASED ARRAY RADAR STUDIES. 1 JANUARY 1963 TO 1 JULY 1964.
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

DELL, P. C.
VISCERAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION.
AD-628 298 6P T 66 07 HC$ 1.60 MF$ 0.50

DELORME, F.
ETUDE STATISTIQUE DU CYCLE VEILLE-SOMMEILS CHEZ LE CHAT (STATISTICAL STUDY OF THE SLEEP-WALKING CYCLE IN THE CAT).
AD-629 203 6P T 66 08

DELWAIDE, P. J.
FUNCTIONAL PROPERTIES OF THE EFFERENT COCHLEAR BUNDLE OF THE PIGEON REVEALED BY STEREOTAXIC STIMULATION.
AD-629 095 6C T 66 08

DEMBO, MICHAEL M.
FAMILY SHELTER WOOD A-FRAME.
AD-629 736 15C T 66 08 HC$ 1.60 MF$ 0.50

DEMOREST, K. E.
INVESTIGATION OF THE COEFFICIENT OF FRICTION OF VARIOUS GREASES AND DRY FILM LUBRICANTS AT ULTRA HIGH LOADS FOR THE SATURN HOLD DOWN ARMS.
N66-10669 11H U 41 08 HC$ 2.00 MF$ 0.50

DEMYANOVSKY, V. V.
A SYSTEM FOR AUTOMATIC PRESSURE RECORDING IN SUBLIMATION DRYING.
AD-628 428 14B T 66 07 HC$ 1.00 MF$ 0.50

DENGLER, ROBERT P.
INVESTIGATION OF CHARACTERISTICS OF PRESSURE WAVES GENERATED IN WATER FILLED TANKS IMPACTED BY HIGH-VELOCITY PROJECTILES.
N66-13291 20K U 41 07 HC$ 1.00 MF$ 0.50

DENNEY, R. G.
DEVELOPMENT OF A CONTINUOUS ELECTROLYTIC PROCESS FOR RECOVERY OF URANIUM FROM HIGH-ENRICHED STAINLESS STEEL AND NICHROME FUELS.
IDO-14643 18J U 41 07 HC$ 3.00 MF$ 0.75

DEPRIT, ANDRE
NUMERICAL INTEGRATION OF AN ORBIT AND ITS CONCOMITANT VARIATIONS BY RECURRENT POWER SERIES.
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50

DEPUE, ALENE K.
ROUTINE FOR IMPROVING THE ACCURACY OF THE ROOTS OF POLYNOMIALS WITH REAL COEFFICIENTS.
AD-629 042 12A T 66 08 HC$ 2.00 MF$ 0.50

DERFLER, HEINRICH
STUDY OF TRANSIENT PHENOMENA IN LOW PRESSURE GAS DISCHARGE PLASMAS.
AD-629 496 20I T 66 08 HC$ 2.60 MF$ 0.50

DERMAN, CYRUS
DENUMERABLE STATE MARKOVIAN DECISION PROCESSES: AVERAGE COST CRITERION.
AD-629 375 12A T 66 08 HC$ 2.60 MF$ 0.50

DESHOTELS, W. J.
STUDY OF THIN FILM LARGE AREA PHOTOVOLTAIC SOLAR ENERGY CONVERTER.
N66-10926 10A U 41 08 HC$ 2.00 MF$ 0.50

DESISTO, THOMAS S.
PLASTIC BEHAVIOR OF METALS AT CRYOGENIC TEMPERATURES.
AD-628 491 20K T 66 07 HC$ 2.00 MF$ 0.50

DESMEDT, J. E.
FUNCTIONAL PROPERTIES OF THE EFFERENT COCHLEAR BUNDLE OF THE PIGEON REVEALED BY STEREOTAXIC STIMULATION.
AD-629 095 6C T 66 08

DESPAIN, A. M.
RF PROBE TECHNIQUES FOR IONOSPHERIC MEASUREMENTS.
AD-628 215 9A T 66 07 HC$ 3.60 MF$ 0.50

DESPER, C. R.
X-RAY DIFFRACTION COMPUTER PROGRAMS FOR THE CDC 3600 AND THE IBM 7094.
AD-628 496 9B T 66 07 HC$ 3.00 MF$ 0.75

CALCULATION OF CRYSTAL BIREFRINGENCE AND INFRARED DICHROISM IN POLYMERIC SAMPLES FROM X-RAY POLE FIGURE DATA.
AD-628 503 11I T 66 07 HC$ 3.60 MF$ 0.50

DESSAUER, G.
PRODUCTION OF TRANSPLUTONIUM ELEMENTS AT SAVANNAH RIVER.
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50

DEVOE, JAMES R.
RADIOCHEMICAL ANALYSIS: ACTIVATION ANALYSIS, INSTRUMENTATION, RADIATION TECHNIQUES, AND RADIOISOTOPE TECHNIQUES JULY 1964 TO JUNE 1965.
C13.46-276 7E U 41 07 MF$ 1.00

DEWART, GILBERT
CRUSTAL STRUCTURE IN EAST ANTARCTICA FROM SURFACE WAVE DISPERSION.
AD-628 463 8G T 66 07

DEWAR, ERIC T.
CARBOHYDRATE DERIVED POLYAMIDES.
PATENT 3,225,012 11I U 41 08

DEWAR, MICHAEL J. S.
SUBSTITUENT EFFECTS. V. FURTHER EVIDENCE CONCERNING THE NATURE OF THE INDUCTIVE EFFECT.
AD-629 498 7D T 66 08

DEWITT, BRYCE S.
JOINT REPORT TO AIR FORCE OFFICE OF SCIENTIFIC RESEARCH AND OFFICE OF NAVAL RESEARCH.
AD-628 256 20J T 66 07 HC$ 1.00 MF$ 0.50

DEWITT, DAVID P.
PROCEDURES FOR PRECISE DETERMINATION OF THERMAL RADIATION PROPERTIES, NOVEMBER 1963 TO OCTOBER 1964.
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75

DEXTER, D. L.
MODERN SPECTROSCOPY OF SOLIDS.
AD-629 030 20F T 66 08

DI BARTOLO, B.
THERMAL EFFECTS ON THE FLUORESCENCE LIFETIME AND SPECTRUM OF MGO:V(2+).
AD-629 266 20L T 66 08

DI PALMA, J.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGENOXYGEN FUEL CELLS.
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50

DICKINSON, WILLIAM J.
ACTINOMYCIN D: BLOCKAGE OF CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS.
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50

DICK, S.
REDUCING NONLINEAR DISTORTION DUE TO AUTOMATIC-GAIN-CONTROL CIRCUITS.
AD-629 403 17B T 66 08

DIEKE, G. H.
FREE-ION AND CRYSTALLINE SPECTRA OF PR(3+) (PR IV).
AD-628 349 7D T 66 07

DIENEMANN, PAUL F.
ESTIMATING COST UNCERTAINTY USING MONTE CARLO TECHNIQUES.
AD-629 082 14A T 66 08 HC$ 3.00 MF$ 0.50

DIEPEVEEN, J.
PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50

DIETRICH, CHARLES W.
DYNAMIC RESPONSE, ENERGY METHODS, AND TEST CORRELATION OF FLIGHT VEHICLE EQUIPMENTS.
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00

DILLON, O. W.
THERMOELASTICITY WHEN THE MATERIAL COUPLING PARAMETER EQUALS UNITY.
AD-628 258 20K T 66 07

EXPERIMENTAL DATA ON ALUMINUM AS AN UNSTABLE SOLID.
AD-628 398 20K T 66 07

DILLON, R. F.
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE.
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

DILLY, NOEL
FURTHER OBSERVATIONS ON FORCES EXERTED BY OCTOPUS VULGARIS.
AD-629 299 6C T 66 08

DIMATTIA, ALFRED L.
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

DIMMETTE, ROBERT M.
SUBEPENDYMAL CEREBRAL HEMORRHAGE IN INFANCY.
AD-628 757 6E T 66 07

DINH, HUYNH VINH
ETUDE DES FLUCTUATIONS DES LARGEURS RADIATIVES PARTIELLES ET TOTALES PAR LA CAPTURE DES NEUTRONS DE RESONANCE (STUDY OF THE FLUCTUATIONS OF THE PARTIAL AND TOTAL RADIATIVE WIDTHS BY NEUTRON CAPTURE RESONANCE METHOD.)
PB-169 232 20H U 41 08 HC$ 4.00 MF$ 0.75

DINTSES, A. I.
MOLTEN METALS AS HIGH-TEMPERATURE LUBRICANTS.
AD-629 415 11H T 66 08 HC$ 1.00 MF$ 0.50

DITORO, D. M.
APPLICATION OF THE MAXIMUM PRINCIPLE TO THE DESIGN OF

MINIMUM BANDWIDTH PULSES.
AD-629 408 9D T 66 08

DITTRICH, WILLIAM A.
AN ELECTRONIC TRIGGERING DEVICE FOR BOOBY TRAP AND PERIMETER DEFENSE APPLICATIONS.
AD-628 764 15G T 66 07 HC$ 1.00 MF$ 0.50

DIVEN, J. L.
ASCENT AND DESCENT ABORT FLIGHT CORRIDORS FOR ORBITAL TRANSPORT VEHICLES,
N66-10610 22D U 41 08 HC$ 5.00 MF$ 1.25

DIZEK, STEPHEN G.
AN ANALYSIS OF THE ECONOMIC RISK OF THE EXPONENTIAL ASSUMPTION IN RELIABILITY TESTING.
AD-628 102 14D T 66 07 HC$ 8.60 MF$ 0.75

DOBBS, G. M.
RESEARCH AND TECHNOLOGY DIVISION REPORT FOR 1965.
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00

DOCTOROFF, M.
THE DEVELOPMENT OF A SOURCE OF VACUUM ULTRAVIOLET AND SOFT X-RADIATION.
N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50

DODDS, J.
COHERENCE MEASUREMENTS WITH TIME SAMPLING OCEAN-BOTTOM SEISMOMETERS,
AD-629 466 8K T 66 08

DODD, ROBERT T.
MERRIHUEITE, A NEW ALKALI-FERROMAGNESIAN SILICATE FROM THE MEZO-MADARAS CHONDRITE,
AD-628 913 8G T 66 08

DODD, R. A.
MECHANISM OF STRESS CORROSION CRACKING IN FACE-CENTERED-CUBIC METALS.
AD-628 085 11F T 66 07 HC$ 1.00 MF$ 0.50

DODGE, H. F.
CHAIN SAMPLING INSPECTION PLANS- CHSP-0.4 AND CHSP-1.4,
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50

DOEHRING, DONALD G.
THE DEVELOPMENT AND STANDARDIZATION OF A GROUP TEST FOR CHITICAL FLICKER FREQUENCY.
AD-468 341 5J U 41 08 HC$ 1.00 MF$ 0.50

DOERING, G.
DESIGN, DEVELOPMENT, FABRICATION, AND DELIVERY OF THREE /3/ STRAIN GAGE ACCELEROMETERS.
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75

DOE, C. B.
TERMINAL REPORT FOR THE MARK IV (PLUTON- IUM) LOADING IN EBR-I,
ANL-6865 18I U 41 08 HC$ 3.00 MF$ 0.75

DOHERTY, R. H.
TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS,
AD-629 365 18C T 66 08

DOLLOFF, R. T.
HALL COEFFICIENT OF TANTALUM CARBIDE AS FUNCTION OF CARBON CONTENT,
N66-12145 20L U 41 08 HC$ 1.00 MF$ 0.50

DONALDSON, ERNEST E.
STUDY OF RECEIVER MIXER CHARACTERISTICS.
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50

DONALDSON, RALPH J.
METHODS FOR IDENTIFYING SEVERE THUNDERSTORMS BY RADAR: A GUIDE AND BIBLIOGRAPHY.
AD-629 118 4B T 66 08

DONG, JAMES G.
EVALUATION OF UHF ANTENNA COUPLERS TYPES CU-691/U AND CU-692/U.
PB-169 249 9A U 41 07 HC$ 2.00 MF$ 0.50

DONLEY, J. L.
THE LOWER IONOSPHERE AT SOLAR MINIMUM,
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50

DORATO, P.
APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF SYSTEMS WITH OPTIMAL CONTROLLER STRUCTURES,
AD-628 296 12B T 66 07 HC$ 1.60 MF$ 0.50

DORMAN, JAMES
THE USE OF LEAKING MODES IN SEISMOGRAM INTERPRETATION AND IN STUDIES OF CRUSTMANTLE STRUCTURE,
AD-628 458 8K T 66 07

DORMAN, J.
PARTIAL DERIVATIVES OF SURFACE WAVE PHASE VELOCITY WITH RESPECT TO PHYSICAL PARAMETER CHANGES WITHIN THE EARTH.
AD-629 532 8K T 66 08

DORNE, A.
THE DESIGN OF AN OMNIDIRECTIONAL ANTENNA SYSTEM FOR THE APOLLO SPACECRAFT,
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25

DORSCH, R. G.
ATTENUATION OF SINUSOIDAL PERTURBATIONS SUPERIMPOSED ON LAMINAR FLOW OF A LIQUID IN A LONG LINE,
N66-10335 20D U 41 08 HC$ 1.00 MF$ 0.50

DOSHI, K. D.
STRUCTURAL INTEGRITY OF SHIPPING CONTAINERS FOR RADIOACTIVE MATERIALS. PART IV. A DISCUSSION OF APPROACHES TO THE VEHICLECOLLISION PROBLEM,
NYO-2539-3 13D U 41 07 HC$ 1.00 MF$ 0.50

DOSSO, H. W.
A MULTILAYER CONDUCTING EARTH IN THE FIELD OF PLANE WAVES,
AD-629 320 20C T 66 08

DOUGHTY, GLENN
ANGULAR DEPENDENCE OF SURFACE SCATTERED LASER RADIATION.
AD-628 295 20E T 66 07 HC$ 2.00 MF$ 0.50

DOUGLAS, N. J.
EFFECTS OF ELECTRON BOMBARDMENT ON THE OPTICAL PROPERTIES OF SPACECRAFT TEMPERATURE CONTROL COATINGS.
AD-628 615 22B T 66 07

DOUGLAS, R. A.
THE EP = 2.66 MEV RESONANCE IN 016(P,P)016,
AD-628 698 20H T 66 07

DOUZE, E. J.
STUDY OF SHORT-PERIOD SEISMIC NOISE.
AD-628 883 8K T 66 07 HC$ 6.60 MF$ 0.75

DOWELL, F. H.
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, P. P. II. A COMPREHENSIVE MOSQUITO SURVEY.
AD-628 105 6F T 66 07 HC$14.60 MF$ 1.00

KEYS TO THE ADULT FEMALE AND LARVAL ANOPHELINE MOSQUITOES OF THE PHILIPPINES.
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75

DOWNING, R. G.
CARRIER LIFETIME MEASUREMENTS AND RECOMBINATION CHARACTERISTICS IN SILICON AND STUDIES PHENOMENA ASSOCIATED WITH RADIATION INDUCED DEFECT LEVELS,
N66-10647 20L U 41 08 HC$ 1.00 MF$ 0.50

DOWNS, ANGELA M.
IDEALISED PROBLEMS CONCERNING THE MOTION OF CYLINDRICAL PLASMA SHEETS IN A MAGNETIC FIELD, WITH APPLICATIONS OF GEOPHYSICAL INTEREST,
AD-628 320 8N T 66 07 HC$ 2.00 MF$ 0.50

DRACHMAN, R. J.
THEORY OF LOW-ENERGY POSITRON-HELIUM SCATTERING,
N66-10674 20H U 41 08 HC$ 1.00 MF$ 0.50

DRAEGER, W. C.
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA.
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

DRAKE, R. L.
METHODS FOR SYSTEMATIC GENERATION OF LIAPUNOV FUNCTIONS /PART ONE/,
N66-10626 12A U 41 08 HC$ 7.00 MF$ 2.00

METHODS FOR SYSTEMATIC GENERATION OF LIAPUNOV FUNCTIONS /PART TWO/.
N66-10627 12A U 41 08 HC$ 7.00 MF$ 1.75

DRAVNIEKS, A.
DETECTION AND IDENTIFICATION OF CHEMICAL SIGNATURES.
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75

DRESSELHAUS, M. S.
DE HAAS-VAN ALPHEN EFFECT IN PYROLYTIC AND SINGLE-CRYSTAL GRAPHITE,
AD-629 184 20L T 66 08

DRESSLER, K.
SCHUMANN-RUNGE BANDS OF O2 IN SOLID PHASES: SPECTROSCOPIC MEASUREMENT OF INTERMOLECULAR POTENTIALS,
AD-628 720 7D T 66 07

DRINKWATER, FRED J.
FLIGHT INVESTIGATION OF THE AERODYNAMIC PROPERTIES OF AN OGEE WING.
N66-13017 1C U 41 07 HC$ 1.00 MF$ 0.50

DRISCOLL, GEORGE C.
STRUCTURAL SUBASSEMBLAGES PREVENTED FROM SWAY,
AD-628 209 13B T 66 07

DROEGE, J. W.
A STUDY OF SOLID-PROPELLANT VAPORIZATION AND DIFFUSION PROCESSES.
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50

DRUCKER, D. C.
ELASTIC-PLASTIC CONTINUA CONTAINING UNSTABLE ELEMENTS OBEYING NORMALITY AND CONVEXITY RELATIONS.
AD-628 855 20K T 66 07 HC$ 2.60 MF$ 0.50

ON TIME-INDEPENDENT PLASTICITY AND METALS UNDER COMBINED STRESS AT ELEVATED TEMPERATURE.
AD-628 856 20K T 66 07 HC$ 2.60 MF$ 0.50

DRUKEY, D. L.
RESEARCH AND TECHNOLOGY DIVISION REPORT FOR 1965.
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00

DRUMHELLER, J. A.

BASELINE: A MAN-MACHINE PROGRAM FOR DATA ANALYSIS.
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00

DRUMMOND, A. M.
OPERATING BOUNDARIES FOR STEADY HYPERSONIC FLIGHT ON A MINOR CIRCLE,
AD-629 043 22B T 66 08

DRUMMOND, WARREN W.
METHOD FOR PRODUCING CONDUCTIVE GLASS FIBER YARN.
PATENT 3,222,149 11E U 41 08

DRYDEN, H. L.
THE NATION'S MANNED SPACE FLIGHTS,
N66-10880 22A U 41 08 HC$ 1.00 MF$ 0.50

DUBOIS, JEAN T.
PHOTOREACTIVE STATE OF ACRIDINE IN SOLUTION,
AD-629 489 7E T 66 08

DUCATI, ADRIANO C.
STUDY OF THE FACTORS EFFECTING THE EFFICIENCY IN THERMAL ACCELERATION OF PROPELLANTS.
AD-629 168 21C T 66 08 HC$ 5.00 MF$ 1.00

DUCHARME, E. D.
A NEW TECHNIQUE FOR THE MEASUREMENT OF THE ELECTRON/ION TEMPERATURE RATIO AT HIGH ALTITUDES,
AD-629 310 4A T 66 08

DIDEL, HELMUT P.
SEASONAL MODELS OF AIR DENSITY, TEMPERATURE AND WIND BETWEEN SURFACE AND 25 KM FOR FOUR GEOGRAPHIC ZONES,
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50

DUERKSCHNABEL, W.
PRODUCTION OF UO2 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

PRODUCTION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

DUERRSCHNABEL, W.
PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

DUFFUS, H. J.
RADIO FADING AND THE NATURAL ELECTROMAGNETIC BACKGROUND,
AD-629 319 20N T 66 08

DUGAN, DUANE W.
A FEASIBILITY STUDY OF A COMMUNICATIONS SATELLITE FOR DEEP-SPACE MONITORING.
N66-13020 22B U 41 07 HC$ 2.00 MF$ 0.50

DUMMER, J. B.
IODINE 131 SAMPLING WITH ACTIVATED CHARCOAL AND CHARCOAL-IMPREGNATED FILTER PAPER,
LA-3363 6R U 41 07 HC$ 1.00 MF$ 0.50

DUNCAN, SAMUEL L.
PLASMA DENSITY BY ION BEAM PROBING: DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

DUNICZ, B. L.
DISCONTINUITIES IN THE SURFACE STRUCTURE OF ALCOHOL-WATER MIXTURES,
AD-628 351 7D T 66 07 HC$ 2.00 MF$ 0.50

DUNIN-BARKOVSKII, L. V.
IN INTERNATIONAL SCIENTIFIC ORGANIZATIONS (AUSTRALIAN SYMPOSIUM ON WATER RESOURCES),
AD-628 646 8H T 66 07 HC$ 1.00 MF$ 0.50

DUNN, JAMES H.
EVALUATION OF ONE TYPE OF FOLDABLE TUBE.
N66-12137 22B U 41 07 HC$ 1.00 MF$ 0.50

DUNN, M. G.
ESTIMATES OF NONEQUILIBRIUM IONIZATION PHENOMENA IN THE INVISCID APOLLO PLASMA SHEATH,
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75

DUNN, ROBERT M.
DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY.
AD-629 346 9B T 66 08 HC$ 2.00 MF$ 0.50

DUNN, G. THOMAS
PROCEDURES FOR PRECISE DETERMINATION OF THERMAL RADIATION PROPERTIES, NOVEMBER 1963 TO OCTOBER 1964.
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75

DUPAY, FRANCIS
LE CO2 DE REFROIDISSEMENT DES REACTEURS G 2/G 3 FUITES, ANALYSE, ACTIVITE (THE CO2 COOLING GAS FOR THE REACTORS G2/G3 (LEAKING, ANALYSIS, ACTIVITY)),
PB-169 228 18K U 41 08 HC$ 3.00 MF$ 0.75

DURANT, R. C.
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

DURST, JACK R.
ALL PURPOSE MATRICES FOR COMPRESSED FOOD BARS.
AD-628 377 6H T 66 07 HC$ 4.00 MF$ 1.00

DUTTON, R. E.
METHODS OF ANALYSIS OF METAL REFRACTORIES, BORIDES, CARBIDES AND NITRIDES OF HAFNIUM NIOBIUM, TANTALUM, TITANIUM AND ZIRCONIUM,
AD-459 048 7B U 41 08 HC$ 2.00

DUVALL, G. E.
INVESTIGATION OF EQUATION OF STATE OF POROUS EARTH MEDIA.
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00

DVOSKIN, B. YA.
IMPROVING ECONOMIC DISTRICTING IN THE KAZAKH SSR IN CONNECTION WITH THE DEVELOPMENT OF THE NEW FIVE-YEAR PLAN FOR 1966 - 1970,
AD-628 845 8F T 66 07 HC$ 1.00 MF$ 0.50

DYCE, R. B.
A RADAR DETERMINATION OF THE ROTATION OF THE PLANET MERCURY,
AD-629 334 3C T 66 08

DYKINS, J. E.
ICE CONSTRUCTION: SURVEY OF EQUIPMENT FOR FLOODING.
AD-628 548 13B T 66 07 HC$ 2.00 MF$ 0.50

D'ANGONA, DOMINIC S.
MILLIMETER WAVE STUDIES.
AD-466 779 17I U 41 07 HC$ 2.00 MF$ 0.50

EASLEY, FORREST N.
AMPLIFIER ASSEMBLY AM-4006( ) /FCC-17 (SUPERGROUP CARRIER AMPLIFIER).
AD-628 158 9E T 66 07 HC$ 2.60 MF$ 0.50

EASTHAM, A. M.
CO-CATALYSIS IN FRIEDEL-CRAFTS REACTIONS. PART X. INTERACTION BETWEEN BORON TRIFLUORIDE AND ALKYL FLUORIDES.
AD-629 750 7C T 66 08

CO-CATALYSIS IN FRIEDEL CRAFTS REACTIONS. PART IX. POLYMERISATION OF PROPENE BY BORON FLUORIDE-METHANOL,
AD-629 751 7C T 66 08

EBBERS, ROBERT W.
AN INVESTIGATION OF VISION DURING INVOLUNTARY SACCADIC EYE MOVEMENTS.
AD-629 078 6P T 66 08 HC$ 2.00 MF$ 0.50

EBERLEY, J. H.
NOTE ON RADIATIVE CORRECTIONS TO THOMSON SCATTERING IN INTENSE LASER BEAMS,
AD-629 457 20E T 66 08

EBNER, FORD F.
DISTRIBUTION OF CORPUS CALLOSUM AND ANTERIOR COMMISSURE IN CAT AND RACCOON,
AD-629 560 6P T 66 08

ECKART, D. W.
MIXED-LAYER POLYTYPES RELATED TO MAGNETOPLUMBITE,
AD-628 604 20B T 66 07

ECKERT, E. R. G.
AN ANODE COMPARISON STUDY IN A WALL-STABILIZED ARGON ARC.
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75

ECKERT, P.
DIE BEEINFLUSSUNG DER BADEDIURESE DURCH ADIURETIN (THE EFFECT OF ADH ON IMMERSION DIURESIS),
AD-629 211 6P T 66 08

ECKHARDT, DONALD H.
COMPUTER SOLUTIONS OF THE FORCED PHYSICAL LIBRATIONS OF THE MOON.
AD-628 801 3C T 66 07

EDELBAUM, THEODORE N.
OPTIMUM POWER-LIMITED ORBIT TRANSFER IN STRONG GRAVITY FIELDS.
AD-629 302 22C T 66 08

EDELEN, DOMINIC G. B.
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE II: NORMED NULL BASES,
AD-628 329 20J T 66 07 HC$ 4.60 MF$ 0.50

THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE I: GENERAL THEORY,
AD-628 330 20J T 66 07 HC$ 3.60 MF$ 0.50

EDELMAN, DAVID J.
FEASIBILITY STUDY FOR THE DEVELOPMENT OF A SMOKE TRACER FOR AN APDS SHOT.
AD-467 449 19A U 41 08 HC$ 1.00 MF$ 0.50

EDREI, ALBERT
ENTIRE AND MEROMORPHIC FUNCTIONS WITH ASYMPTOTICALLY PRESCRIBED CHARACTERISTIC,
AD-629 028 12A T 66 08

SUMS OF DEFICIENCIES OF MEROMORPHIC FUNCTIONS,
AD-629 029 12A T 66 08

EDWARDS, EARL A.
CYTOTOXICITY OF HUMAN SERA IN TISSUE CULTURE SYSTEMS,
AD-628 176 6T T 66 07

EPIDEMIOLOGY AND PREVENTION OF ACUTE RESPIRATORY DISEASE IN NAVAL RECRUITS,
AD-628 556 6E T 66 07

EDWARDS, O. J.
DATA COMPARISONS AND PHOTOGRAPHIC OBSERVATIONS OF COAXIAL MIXING OF DISSIMILAR GASES AT NEARLY EQUAL STREAM VELOCITIES.
N66-12143 20D U 41 08 HC$ 1.00 MF$ 0.50

EFIMEV, N. N.
FUNDAMENTALS OF SUBMARINE THEORY.
AD-629 673 13J T 66 08 HC$ 1.00 MF$ 0.50

EGELAND, ALV
ELF AND VLF EMISSIONS IN NORTHERN SCANDINAVIA.
AD-628 281 4A T 66 07 HC$ 2.60 MF$ 0.50

EGGERS, DAVID F.
INFRARED SPECTRUM OF (12)C(18)O2.
AD-629 380 7D T 66 08

EGGLESTON, LESTER A.
THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

EGOROV, G. A.
CONCERNING SOME FEATURES OF WETTING AND DEHYDRATION OF GRAIN.
AD-628 430 6H T 66 07 HC$ 1.00 MF$ 0.50

EGYHAZI, E.
CHANGES IN RNA CONTENT AND BASE COMPOSITION IN CORTICAL NEURONS OF RATS IN A LEARNING EXPERIMENT INVOLVING TRANSFER OF HANDEDNESS.
AD-628 366 6A T 66 07

EHINGER, BERNDT
DISTRIBUTION OF ADRENERGIC NERVES TO ORBITAL STRUCTURES.
AD-628 740 6P T 66 07

EHRMAN, OSCAR W.
MECHANICAL DELAY ARMING DEVICE FOR OFF CENTER SPIN APPLICATION.
AD-629 456 19A T 66 08 HC$ 3.60 MF$ 0.50

EICHELBERGER, J. F.
MOUND LABORATORY PROGRESS REPORT FOR MAY 1965.
MLM-1266 7E U 41 07 HC$ 2.00 MF$ 0.50

EIDE, J. E.
MAGNETO-OPTICAL DISPLAY PANEL WITH MEMORY.
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50

EISELE, J. A.
THE NRL CYCLOTRON PROGRAM, REPORT OF PROGRESS, SEPTEMBER 1, 1965.
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50

EISENSTADT, S. N.
ROLE BEHAVIOUR AND SOCIAL STRUCTURE.
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75

SOCIAL CHANGE AND MODERNIZATION IN AFRICAN SOCIETIES SOUTH OF THE SAHARA.
AD-629 234 5K T 66 08

PROCESSES OF MODERNIZATION AND OF URBAN AND INDUSTRIAL TRANSFORMATION UNDER CONDITIONS OF STRUCTURAL DUALITY.
AD-629 235 5K T 66 08

EKSTRAND, BRUCE R.
AN ANALYSIS OF INTRALIST SIMILARITY IN VERBAL LEARNING WITH EXPERIMENTS ON CONCEPTUAL SIMILARITY.
AD-628 638 5J T 66 07

FREE LEARNING AND RECALL AS A FUNCTION OF UNIT-SEQUENCE AND LETTER-SEQUENCE INTERFERENCE.
AD-628 641 5J T 66 07

ELEMAN, F.
THE RESPONSE OF MAGNETIC INSTRUMENTS TO EARTHQUAKE WAVES.
N66-11267 8K U 41 08 HC$ 3.00 MF$ 0.75

ELENA, A.
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROBURENT, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

ELFORD, W. G.
METEOR WINDS MEASURED AT ADELAIDE 35 DEGS 1961.
N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00

ELIEL, E. L.
CONFORMATIONAL ANALYSIS IN MOBILE CYCLOHEXANE SYSTEMS.
AD-628 454 7C T 66 07

ELIOTT, DAVID
TRUNCATION ERRORS IN TWO CHEBYSHEV SERIES APPROXIMATIONS.
AD-628 432 12A T 66 07

ELLIOTT, W. E.
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT.
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

ELLISON, BOB E.
MULTIVARIATE-NORMAL CLASSIFICATION WITH COVARIANCES KNOWN.
AD-628 472 12A T 66 07

ELLIS, BERTRAM K.
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 9.45.
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50

ELLS, H. A.
APPLICABILITY OF OLFACTORY TRANSDUCERS TO THE DETECTION OF HUMAN BEINGS.
AD-628 245 6C T 66 07 HC$ 1.00 MF$ 0.50

ELROD, H. G.
CONDITIONS FOR THE RUPTURE OF A LUBRICATING FILM.
AD-629 039 11H T 66 08 HC$ 3.00 MF$ 0.50

ELSASSER, WALTER M.
SEMIFORMAL REPRESENTATION OF ORGANISMIC CONCEPTS.
AD-628 687 6C T 66 07

EMELEUS, K. G.
PLASMA OSCILLATIONS.
AD-628 327 20I T 66 07 HC$ 1.00 MF$ 0.50

EMMERICH, N. S.
ELECTRON COLLISION CROSS SECTIONS IN METAL VAPORS.
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50

ENGELHARDT, F. J. O.
LOW-LOSS STYRENE-TYPE FOAM-IN-PLACE ENCAPSULATING RESINS.
AD-628 537 11I T 66 07 HC$ 2.60 MF$ 0.50

ENGELSTRATH, AMOS
MEASUREMENTS IN THE FAR INFRARED.
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75

ENGEL, R. K.
LIGHT WINDS IN THE STRATOSPHERE (15-24 KM). PART 3.
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75

ENGEL, R. R.
THE CHEMISTRY OF C-1 METASTABLE STATES, 1-D AND 1-S.
AD-629 049 7C T 66 08

THE CHEMISTRY OF C-1 GROUND STATE, 3P.
AD-629 050 7C T 66 08

SELECTIVITY OF GROUND-STATE C1 AND TRIPLET-STATE CYCLOPROPYLIDENE IN OLEFIN ADDITION REACTIONS.
AD-629 052 7C T 66 08

REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARBON WITH OLEFINS.
AD-629 063 7C T 66 08

ENTREKIN, HERBERT D.
SUMMARY OF SHORT-PERIOD TERMINAL WEATHER INFORMATION STUDIES.
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75

EPSTEIN, A. S.
DEVELOPMENT OF IMPROVED SINGLE CRYSTAL GALLIUM PHOSPHIDE SOLAR CELLS.
N66-11246 20L U 41 08 HC$ 3.00 MF$ 0.75

EPSTEIN, S. T.
IMPROVEMENT OF UNCOUPLED HARTREE-FOCK EXPECTATION VALUES FOR PHYSICAL PROPERTIES.
N66-11749 20J U 41 08 HC$ 1.00 MF$ 0.50

ERICKSON, R. L.
IRON (III) EXTRACTION BY NITROBENZENE -BENZENE MIXTURES.
AD-628 826 7B T 66 07

ERICKSON, W. C.
HIGH-RESOLUTION STUDIES OF TYPE III SOLAR EMISSION AT 11.4-METER WAVELENGTH.
AD-629 343 3B T 66 08

OBSERVATIONS OF SOLAR RADIO BURSTS AT 26.3 MC/S.
N66-11222 20H U 41 08 HC$ 2.00 MF$ 0.50

ERKMAN, J. O.
SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

INVESTIGATION OF EQUATION OF STATE OF POROUS EARTH MEDIA.
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00

ERLANGER, BERNARD F.
THE INACTIVATION OF CHYMOTRYPSIN BY DIPHENYLCARBAMYL CHLORIDE AND ITS REACTIVATION BY NUCLEOPHILIC AGENTS.
AD-628 645 6A T 66 07

ERLEBACHER, ADRIENNE H.
STUDIES OF CODING IN VERBAL LEARNING.
AD-628 226 5J T 66 07

ESARY, J. D.
A STOCHASTIC CHARACTERIZATION OF WEAR-OUT FOR COMPONENTS AND SYSTEMS.
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50

ESCHBACH, E. A.
FUEL CONSERVATION INDEXES FOR THERMAL REACTORS.
HW-79287 18I U 41 07 HC$ 3.00 MF$ 0.75

ESKIN, ARNOLD
MODIFICATION OF VESTIBULAR SENSITIVITY IN THE RAT.
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50

ESKIN, A.
THE EFFECTS OF ENVIRONMENTAL TEMPERATURE CHANGES ON THE EKG OF THE SQUIRREL MONKEY / SAIMIRI SCIUREUS/.
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50

ESSENWANGER, OSKAR M.
SEASONAL MODELS OF AIR DENSITY, TEMPERATURE AND WIND BETWEEN SURFACE AND 25 KM FOR FOUR GEOGRAPHIC ZONES,
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50

ETTINGER, H. J.
IODINE 131 SAMPLING WITH ACTIVATED CHARCOAL AND CHARCOAL-IMPREGNATED FILTER PAPER,
LA-3363 6R U 41 07 HC$ 1.00 MF$ 0.50

EULER, FERDINAND
OXYGEN COORDINATES OF COMPOUNDS WITH GARNET STRUCTURE.
AD-629 713 20B T 66 08

EVANS, EVAN C.
WOUNDING RESPONSE IN RELATION TO POLAR TRANSPORT OF RADIOCALCIUM IN ISOLATED ROOT SEGMENTS OF ZEA MAYS,
AD-628 805 6C T 66 07 HC$ 1.60 MF$ 0.50

EVANS, GEORGE
REINFORCED CONCRETE. DESIGN DATA.
AD-628 139 13M T 66 07 MF$ 1.00

EVANS, J. R.
PARTIAL ALTITUDE MILITARY QUALIFICATION TEST OF THE TF37-GE-1 TURBOFAN ENGINE,
AD-628 775 21E T 66 07 HC$ 9.60 MF$ 0.75

EVANS, MARJORIE W.
SHOCK WAVE COMPRESSION OF 'PLEXIGLAS' IN THE 2.5 TO 20 KILOBAR REGION,
AD-628 715 20K T 66 07

DETONATION CHARACTERISTICS OF LOW-DENSITY GRANULAR MATERIALS.
AD-628 989 19D T 66 08 HC$ 1.00 MF$ 0.50

EVANS, WAYNE O.
TROOP PERFORMANCE IN HIGH ALTITUDES,
AD-629 330 6S T 66 08

EVENSEN, DAVID A.
A THEORETICAL AND EXPERIMENTAL STUDY OF THE NONLINEAR FLEXURAL VIBRATIONS OF THIN CIRCULAR RINGS.
N66-13024 20K U 41 07 HC$ 3.00 MF$ 0.75

EVVARD, JOHN C.
WHEEL-FLOW GASEOUS-CORE REACTOR CONCEPT.
N66-10747 21F U 41 07 HC$ 1.00 MF$ 0.50

EYGES, LEONARD
IMPROVED METHOD FOR QUANTUM MECHANICAL THREE-BODY PROBLEMS. I. ATTRACTIVE POTENTIALS.
AD-628 636 20J T 66 07

EYRING, H. B.
CONTINUITY AND OPENNESS IN HIGH ENERGY PHYSICS GROUPS,
N66-12994 5J U 41 08 HC$ 1.00 MF$ 0.50

FABRICIUS, ERIC
NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR.
AD-628 322 6C T 66 07 HC$ 5.60 MF$ 0.50

FAGER, JOHN H.
THE REACTIONS OF 2- AND 4-PICOLINE N-OXIDE WITH PHENYLACETIC ANHYDRIDE,
AD-629 711 7C T 66 08

FAINBERG, YA. B.
HIGH-FREQUENCY OSCILLATIONS RESULTING FROM THE INTERACTION OF AN ELECTRON BEAM WITH PLASMA,
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50

FAIRCHILD, M. K.
ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00

FAIRTHORNE, ROBERT A.
'USE' AND MENTION IN THE INFORMATION SCIENCES,
AD-629 367 5B T 66 08

FALKINHAM, J. O.
ENZYME ACTIVITY IN TERRESTRIAL SOIL IN RELATION TO EXPLORATION OF THE MARTIAN SURFACE.
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75

FALK, H.
VARIATIONAL APPROACHES TO THE ANTIFERROMAGNETIC LINEAR CHAIN,
AD-629 657 20L T 66 08

FALLIEROS, S.
ISOBARIC SPLITTING OF DIPOLE STATES IN NUCLEI,
AD-628 878 20H T 66 07

FAMIGLIETTI, MICHAEL A.
AN EXPERIMENTAL METHOD FOR DETERMINING THE FLIGHT PATH OF LOW-FLYING AIRCRAFT.
AD-629 453 1B T 66 08 HC$ 1.60 MF$ 0.50

FANNELOP, T. K.
TWO-DIMENSIONAL HYPERSONIC STAGNATION FLOW AT LOW REYNOLDS NUMBERS,
AD-629 666 20D T 66 08

FAN, C. Y.
DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT,
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75

PROTONS AND HELIUM NUCLEI WITHIN INTERPLANETARY MAGNETIC REGIONS WHICH COROTATE WITH THE SUN,
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50

FARMER, OTIS A.
THERMODYNAMIC-TRANSPORT AND RELATED PROPERTIES OF PARA-HYDROGEN FROM 36 TO 5000 DEG R AT PRESSURES TO 5000 PSIA,
LA-3405 20M U 41 07 HC$ 2.00 MF$ 0.50

FARMER, O. A.
FORTRAN IV HYDROGEN PROPERTY TABULAR CODES,
LA-3381 20M U 41 07 HC$ 2.00 MF$ 0.50

FARQUHAR, BARBARA B.
COLOR CODING IN FORMATTED DISPLAYS,
AD-628 624 5J T 66 07

FARRELL, R. A.
FIRST ORDER TRANSITIONS IN SIMPLE MAGNETIC SYSTEMS,
AD-629 615 20L T 66 08

FARRENKOPF, R. L.
INVESTIGATION OF THE ACQUISITION PROBLEM IN SATELLITE ATTITUDE CONTROL.
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50

FARRER, DONALD N.
ULTRASOUND AND PHAKOMETRY MEASUREMENTS OF THE PRIMATE EYE.
AD-629 079 6C T 66 08 HC$ 2.00

FARR, WANDA K.
RESEARCH ON CELL WALL CYTOCHEMISTRY OF SELECTED FUNGI.
AD-628 045 6A T 66 07 HC$ 3.00 MF$ 0.75

FAULKNER, F. D.
OPTIMUM SUBMARINE ROUTING.
AD-629 350 15G T 66 08 HC$ 2.60 MF$ 0.50

FAVOUR, CUTTING B.
LACTIC ACID PHYSICAL FITNESS AND HIGH ALTITUDE.
AD-628 713 6N T 66 07 HC$ 2.00 MF$ 0.50

FEIGEN, GEORGE A.
PRESYNAPTIC EFFECTS OF POTASSIUM ION ON THE MAMMALIAN NEUROMUSCULAR JUNCTION,
AD-628 266 6P T 66 07

FEINBERG, I.
THE EXISTENCE OF SUBSONIC JETS OF A COMPRESSIBLE FLUID,
AD-628 511 20D T 66 07

FELDMAN, C.
EFFECT OF CRYSTAL ANISOTROPY ON THE THERMAL CONDUCTIVITY OF COPPER ALLOYS,
AD-629 069 20L T 66 08

FELDMAN, U.
3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM,
AD-629 233 3B T 66 08

FENCHEL, TOM
ON THE CILIATE FAUNA ASSOCIATED WITH THE MARINE SPECIES OF THE AMPHIPOD GENUS GAMMARUS J. G. FABRICIUS,
AD-628 589 8A T 66 07

FEEDING BIOLOGY OF THE SEA-STAR LUIDIA SARSI DUBEN AND KOREN,
AD-628 592 8A T 66 07

FERGASON, J. L.
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

FERNANDEZ-MORAN, H.
REASSOCIATION OF HEMOCYANINS FROM SUBUNIT MIXTURES,
N66-11669 6A U 41 08 HC$ 1.00 MF$ 0.50

MACROMOLECULAR ORGANIZATION OF HEMO- CYANINS AND APOHEMOCYANINS AS REVEALED BY ELECTRON MICROSCOPY,
N66-11770 6A U 41 08 HC$ 3.00 MF$ 0.75

ELECTRON MICROSCOPY WITH SUPERCONDUCTING LENSES,
N66-12175 14B U 41 08 HC$ 1.00 MF$ 0.50

FERRARO, A. J.
THE MEASUREMENT OF PHASE AND AMPLITUDE RADIO WAVE INTERACTION AT UNIVERSITY PARK, PENNSYLVANIA, JULY - AUGUST - SEPTEMBER, 1965,
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50

FERRELL, JOHN
HISTOPATHOLOGY OF MICE FED IRRADIATED FOODS,
AD-629 418 6E T 66 08

FERRIER, A. R.
TORPEDO STABILIZER MARK 31 MOD 0 DEVELOP- MENT PHASE.
AD-628 505 19H T 66 07 HC$ 2.00 MF$ 0.50

FERRISO, C. C.
UNIFIED REFRACTIVE INDEX AND DISPERSION EQUATIONS,
AD-628 473 20F T 66 07

FERRIS, L. M.
ACID LEACHING OF PRODUCTS FROM THE FLUIDIZED-BED COMBUSTION OF GRAPHITE-BASE REACTOR FUELS AND THE HF-O 2 DISINTEGRATION OF STAINLESS STEEL-AND ZIRCONIUM-CLAD OXIDE FUELS,
ORNL-3876 7B U 41 07 HC$ 2.00 MF$ 0.50

FIALKO, N. M.

MOLTEN METALS AS HIGH-TEMPERATURE LURRICANTS.
AD-629 415 11H T 66 08 HC$ 1.00 MF$ 0.50

FIELDS, JERRY L.
RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS.
AD-628 888 12A T 66 08 HC$ 4.60 MF$ 0.50

FIELD, E. C.
EQUATORIAL TRANSMISSION OF GEOMAGNETIC MICROPULSATIONS THROUGH THE IONOSPHERE AND LOWER EXOSPHERE.
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50

FILLENBAUM, R. R.
WEATHER AND LOAD PATTERN CORRELATION STUDY TO DEVELOP A METHOD OF SHORT-RANGE LOAD FORECASTING BASED ON WEATHER AND LOAD DATA.
PB-169 380 9C U 41 08 HC$ 3.00 MF$ 0.75

FILZ, ROBERT C.
TIME AND ALTITUDE DEPENDENCE OF 55-MEV TRAPPED PROTONS, AUGUST 1961 TO JUNE 1964.
AD-629 119 4A T 66 08

FINCELL, R. M.
ENTHALPY AND THERMAL EXPANSION OF SEVERAL REFRACTORY METALS TO 2500 DEGREE C.
GE-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50

FINDLEY, JACK D.
STUDIES OF LOW DOSE RADIATION UPON COMPLEX BEHAVIOR PATTERNS.
AD-467 002 5J U 41 07 HC$ 2.00 MF$ 0.50

FINDLEY, W. N.
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

FINEG, J.
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

FINE, BEN S.
OBSERVATIONS ON EARLY PATHOLOGIC EFFECTS OF PHOTIC INJURY TO THE RABBIT RETINA. A LIGHT AND ELECTRON MICROSCOPIC STUDY.
AD-628 478 6E T 66 07

MYCOTIC KERATITIS.
AD-629 341 E T 66 08

FINKELSTEIN, LEIB
STRUCTURE OF THE BOLTZMANN COLLISION OPERATOR.
AD-629 152 20D T 66 08

FINK, MARTIN D.
CALM-WATER RESISTANCE CHARACTERISTICS OF A 25-PERCENT-SCALE MODEL OF A HYPOTHETICAL CAPTURED AIR BUBBLE (CAB) LANDING VEHICLE.
AD-628 831 13J T 66 07 HC$ 1.60 MF$ 0.50

FINLAYSON, B. A.
GALERKIN'S METHOD AND THE LOCAL POTENTIAL.
AD-628 582 12A T 66 07 HC$ 1.10 MF$ 0.50

FINNEGAN, J. J.
THIN-FILM RECHARGEABLE SOLID-ELECTROLYTE BATTERIES.
AD-629 501 10C T 66 08

FISCHER, DAVID W.
THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION SPECTRUM OF BORON.
AD-628 382 7D T 66 07 HC$ 1.60 MF$ 0.50

THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION BANDS OF NITROGEN AND CARBON.
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50

FISCHER, H. P.
BASE-CATALYZED INTRAMOLECULAR 1,3- AND 1,5-PROTON TRANSFERS.
AD-629 638 7C T 66 08

FISHER, B. B.
FORTRAN IV HYDROGEN PROPERTY TABULAR CODES.
LA-3381 20M U 41 07 HC$ 2.00 MF$ 0.50

FISHER, F. H.
ULTRASONIC ABSORPTION IN MGSO4 SOLUTIONS AS A FUNCTION OF PRESSURE AND DIELECTRIC CONSTANT.
AD-629 138 7D T 66 08

FISHER, G. H.
THE SEARCH UNDERWATER FOR A DOWNED NAVY JET AIRCRAFT.
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50

FISHER, J. I.
PREPARATION AND EVALUATION OF FIBER METAL NICKEL BATTERY PLAQUES.
N66-10751 11D U 41 08 HC$ 3.00 MF$ 0.75

FISHMAN, ERWIN
NEAR-INFRARED SPECTRUM OF LIQUID WATER FROM 30 TO 374 DEGREES.
AD-629 388 7D T 66 08

FISHMAN, GEORGE S.
PROBLEMS IN THE STATISTICAL ANALYSIS OF SIMULATION EXPERIMENTS: THE COMPARISON OF MEANS AND THE LENGTH OF SAMPLE RECORDS.
AD-628 626 12A T 66 07 HC$ 2.60 MF$ 0.50

FJERSTAD, ROGER L.
VARACTOR-TUNED FILTERS AT MICROWAVE FREQUENCIES.
AD-629 631 9A T 66 08 HC$ 2.00 MF$ 0.50

FJORTOFT, RAGNAR
STATISTICAL-DYNAMICAL METEOROLOGICAL PREDICTIONS.
AD-628 820 4B T 66 07 HC$17.80 MF$ 1.00

FLEISHMAN, E. A.
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE.
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

FLENGAS, S. N.
THERMODYNAMIC AND ELECTROCHEMICAL PROPERTIES OF ZIRCONIUM CHLORIDES IN ALKALI CHLORIDE MELTS.
AD-628 251 7D T 66 07

FLINN, E. A.
AN EXAMPLE OF MAXIMUM-LIKELIHOOD FILTERING OF LASA SEISMOGRAMS.
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50

FLORENTINO, RODOLFO F.
PRELIMINARY REPORT ON ABNORMAL HEMOGLOBINS IN FILIPINOS.
AD-628 152 6E T 66 07

FLORE, NICHOLAS F.
A TEST OF VISCOUS DISLOCATION DAMPING THEORY.
AD-629 557 20B T 66 08 HC$ 2.60 MF$ 0.50

FLORY, PAUL J.
THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. II. THEORY.
AD-628 283 6A T 66 07

THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. I. EXPERIMENTAL RESULTS.
AD-629 282 6A T 66 08

FLORY, P. J.
STEREOREGULARITY AND UNPERTURBED DIMENSIONS OF ISOTACTIC POLY-ALPHA-OLEFINS.
AD-629 281 11I T 66 08

FLOWERS, JEANENE
ASTRIONICS RESEARCH AND DEVELOPMENT.
N65-23781 22C U 41 07 HC$ 4.00 MF$ 0.75

FLOYD, D.
PRODUCTION ENGINEERING MEASURE FOR IMPROVEMEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50

FLUECKINGER, A. F.
DIELECTRIC CONSTANT OF HYDROGEN-BONDED LIQUIDS. IV. EQUILIBRIUM AND RELAXATION STUDIES OF HOMOLOGOUS NEO-ALCOHOLS.
AD-628 410 7D T 66 07

FLUGGE-LOTZ, I.
TWO-DIMENSIONAL HYPERSONIC STAGNATION FLOW AT LOW REYNOLDS NUMBERS.
AD-629 666 20D T 66 08

FOA, URIEL G.
NEW DEVELOPMENTS IN FACET DESIGN AND ANALYSIS.
AD-629 265 5J T 66 08

FOLKMAN, JON
REGULAR LINE SYMMETRIC GRAPHS.
AD-629 605 12A T 66 08 HC$ 3.60 MF$ 0.50

FOLKMAN, JON H.
ON THE CONTINUITY OF THE MINIMUM SET OF A CONTINUOUS FUNCTION.
AD-628 625 12B T 66 07 HC$ 6.60 MF$ 0.75

FOLKMAN, J.
OPTIMAL PROCEDURES FOR STOCHASTICALLY FAILING EQUIPMENT.
N66-10755 22B U 41 08 HC$ 2.00 MF$ 0.50

FOLK, G. EDGAR
BODY MOISTURE AND THE OPERATING LIFE OF IMPLANTABLE HEART RATE TRANSMITTERS.
AD-628 262 6B T 66 07

FOLLETTIE, JOSEPH F.
AN OVERVIEW OF THE CONCEPTUAL STRUCTURE OF SUBTASK PIONEER VII.
AD-628 815 5J T 66 07 HC$ 4.00 MF$ 0.75

FONER, S.
DE HAAS-VAN ALPHEN EFFECT IN PYROLYTIC AND SINGLE-CRYSTAL GRAPHITE.
AD-629 184 20L T 66 08

FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03.
AD-629 188 20L T 66 08

FONTIJN, A.
CHEMICAL SCAVENGER PROBES IN NONEQUILIBRIUM GASDYNAMICS.
AD-629 248 20D T 66 08

FOOKS, N. I.
DEVELOPMENT OF IMPROVED RIFLE SQUAD TACTICAL AND PATROLLING

PROGRAMS FOR THE LIGHT WEAPONS INFANTRYMAN.
AD-628 667 15G T 66 07 HC$12.60 MF$ 0.75

FORD, WILLIAM L.
ON THE OCEANOGRAPHY OF THE NANSEN SOUND FIORD SYSTEM.
AD-628 145 8J T 66 07

FOREMAN, CHARLES W.
TRANSFERABILITY OF RESEARCH AND DEVELOPMENT SKILLS IN THE AEROSPACE INDUSTRY.
AD-628 544 5I T 66 07 HC$ 4.00 MF$ 1.00

FOREST, HARVEY
LIQUID LASER PARAMETERS.
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

SELECTIVE ENHANCEMENT OF FLUORESCENCE FROM SOME RARE-EARTH SALTS IN SOLUTION.
AD-628 585 7D T 66 07

FORE, SARA P.
N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,706 6O U 41 08

FORNWALT, D. E.
GENERAL METHOD FOR ANALYZING REFRACTORY METAL ALLOYS USING THE VACUUM CUP ELECTRODE.
TIM-904 7D U 41 08 HC$ 2.00 MF$ 0.50

FORRESTAL, MICHAEL J.
BUCKLING OF A LONG CYLINDRICAL SHELL SURROUNDED BY AN ELASTIC MEDIUM.
AD-628 738 20K T 66 07

FORRESTAL, M. J.
RESPONSE OF A SUBMERGED CYLINDRICAL SHELL TO AN AXIALLY PROPAGATING STEP WAVE.
AD-628 653 20K T 66 07

BUCKLING OF A LONG CYLINDRICAL SHELL CONTAINING AN ELASTIC CORE.
AD-628 702 20K T 66 07

FORSTAT, H.
SPECIFIC HEAT OF FE3(PO4)2.8H2O.
AD-628 742 20L T 66 07

FOSBERG, F. RAYMOND
TERRESTRIAL SEDIMENTS AND SOILS OF THE NORTHERN MARSHALL ISLANDS.
AD-628 150 8G T 66 07 HC$ 6.00 MF$ 1.25

FOSTER, EDWARD J.
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

FOSTER, PETER
URINARY EXCRETION OF VANILMANDELIC ACID AFTER PLUS 6X IMPACT IN HUMANS.
AD-629 198 6S T 66 08 HC$ 1.00 MF$ 0.50

FOSTER, THEODORE D.
ONSET OF CONVECTION IN A LAYER OF FLUID COOLED FROM ABOVE.
AD-629 137 20M T 66 08

FOULKS, R.
COHERENCE MEASUREMENTS WITH TIME SAMPLING OCEAN-BOTTOM SEISMOMETERS.
AD-629 466 8K T 66 08

FOUNTAIN, C. W.
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 5. DISCUSSION.
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50

FOURNIER, G. R.
LARGE-ANGLE DEFLECTION TECHNIQUES FOR LASER DISPLAY.
AD-628 046 20E T 66 07 HC$ 2.00 MF$ 0.50

FOWLER, R. G.
LIFETIME STUDIES OF THE RADIATIVE DISSOCIATION OF EXCITED H2.
AD-628 348 7D T 66 07

FOWLES, G. R.
INVESTIGATION OF EQUATION OF STATE OF POROUS EARTH MEDIA.
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00

FOX, JOHN A.
STABILITY OF HAGEN-POISEUILLE FLOW.
AD-629 321 20D T 66 08

FOX, J. A.
ON THE INVISCID STABILITY OF THE LAMINAR MIXING OF TWO PARALLEL STREAMS OF A COMPRESSIBLE FLUID.
AD-629 322 20D T 66 08

THE INSTABILITY OF INVISCID JETS AND WAKES IN COMPRESSIBLE FLUID.
AD-629 323 20D T 66 08

FOX, KENNETH
ON THE BOUND STATES OF AN ELECTRON IN THE FIELD OF A PERMANENT ELECTRIC DIPOLE.
ORNL-3895 20H U 41 08 HC$ 3.00 MF$ 0.50

FOX, P. D.
AN EMPIRICAL STUDY OF SCHEDULING DECISION BEHAVIOR.
AD-629 229 5A T 66 08 HC$ 2.00 MF$ 0.50

FRAENKEL, B. S.
3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM.
AD-629 233 3B T 66 08

FRANCIS, N. C.
EVALUATION OF NEUTRON CROSS SECTIONS AT THE KNOLLS ATOMIC POWER LABORATORY.
CONF-650524-2 20H U 41 08 HC$ 1.00 MF$ 0.50

FRANKEL, JULIUS
THE RECOVERY OF THE ULTRASONIC ATTENUATION IN COPPER SINGLE CRYSTALS FOLLOWING SMALL PLASTIC DEFORMATION.
AD-628 939 20B T 66 08 HC$ 1.25 MF$ 0.50

FRANKEL, R. B.
FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03.
AD-629 188 20L T 66 08

FRANKENSTEIN, L. S.
SURVEYOR PROJECT STATUS REPORT, 13 NOVEMBER 1964.
N66-10640 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 27 NOVEMBER 1964.
N66-10641 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 8 JANUARY 1965.
N66-10642 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 5 FEBRUARY 1965.
N66-10643 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 19 FEBRUARY 1965.
N66-10644 22B U 41 08 HC$ 1.00 MF$ 0.50

FRANK, L.
NONDESTRUCTIVE TESTING FOR EVALUATION OF STRENGTH OF BONDED MATERIAL.
N66-11761 13H U 41 08 HC$ 4.00 MF$ 1.00

FRANK, L. A.
OBSERVATIONS OF MAGNETOSPHERIC BOUNDARY PHENOMENA.
N66-12988 20H U 41 08 HC$ 3.00 MF$ 0.50

FRANK, PAUL F.
EPIDEMIOLOGY AND PREVENTION OF ACUTE RESPIRATORY DISEASE IN NAVAL RECRUITS.
AD-628 556 6E T 66 07

FRANK, PETER
INVERTING NONLINEAR DIFFERENTIAL SYSTEMS WITH INITIAL CONDITIONS.
AD-629 399 12A T 66 08

FRANK, P. F.
THAYER-MARTIN SELECTIVE MEDIUM FOR THE CULTIVATION OF NEISSERIA MENINGITIDIS FROM THE NASOPHARYNX.
AD-628 126 6M T 66 07

FRANK, R. G.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT. MATERIAL SPECIFICATIONS FOR ADVANCED REFRACTORY ALLOYS.
N66-10673 11F U 41 08 HC$ 6.00 MF$ 1.50

FRANTTI, G. E.
ATTENUATION OF PN FROM OFFSHORE MAINE EXPLOSIONS.
AD-628 275 8K T 66 07

FRASCH, CLIFFORD
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

FREEDMAN, SANFORD J.
EXPERIMENTAL DEAFFERENTATION IN MAN.
AD-628 717 5J T 66 07

FREEDMAN, S. J.
REMARKS ON THE RELATION BETWEEN PERCEPTION AND MOTION.
AD-629 300 5J T 66 08

FREED, JEROME J.
STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL.
TID-21581 6R U 41 07 HC$ 1.00 MF$ 0.50

STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL STRUCTURE AND BEHAVIOR. SIX-YEAR COMPREHENSIVE REPORT, MARCH 1959 NOVEMBER 1964.
TID-21611 6R U 41 07 HC$ 1.00 MF$ 0.50

FREEMAN, A. J.
CONDUCTION-ELECTRON POLARIZATION IN METALS.
AD-628 189 20C T 66 07

EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING.
AD-628 338 20C T 66 07

FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03.
AD-629 188 20L T 66 08

FREEMAN, RAOUL J.
THE ASSIGNMENT INTERFERENCE MODEL.
AD-628 381 12B T 66 07 HC$ 1.60 MF$ 0.50

FREEMAN, R. J.
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL ORSERVATORY ON THE MOON.
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

FREEMON, FRANK R.

AN ELECTROENCEPHALOGRAPHIC STUDY OF THE EFFECTS OF MEPROBAMATE ON HUMAN SLEEP.
AD-629 563 60 T 66 08

FREIDBERG, J. P.
NONLINEAR EFFECTS IN THE TWO-STREAM INSTABILITY.
AD-628 729 20I T 66 07

FRENCH, ROBERT S.
THE TROUBLE LOCATOR: A TROUBLESHOOTING AID FOR A COMPLEX ELECTRONIC SYSTEM.
PB-169 205 5I U 41 07 HC$ 1.00 MF$ 0.50

FREW, A. M.
INVESTIGATION OF THE ACQUISITION PROBLEM IN SATELLITE ATTITUDE CONTROL.
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50

FREY, H. A.
ENGINEERING SERVICES IN CONNECTION WITH TEST OF EXISTING OPEN AND CLOSED TYPE GUY INSULATORS AND A FEASIBILITY STUDY OF IMPROVED DESIGNS FOR HIGH STRENGTH ALUMOWELD CABLES.
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50

FRIBERG, ERIC G.
MEASUREMENT OF VORTEX SEPARATION. PART I: TWO-DIMENSIONAL CIRCULAR AND ELLIPTIC BODIES.
AD-628 578 20D T 66 07 HC$ 3.00 MF$ 0.75

FRICK, JOHN G.
WATER SOLUBLE CARBAMATE-FORMALDEHYDE CONDENSATE.
PATENT 3,219,632 11E U 41 07

FRICKIN, K.
SYNTHESIS OF TRITIATED POLY-L-LYSINE (GAMMA, DELTA-T2).
AD-629 294 6A T 66 08

FRIEBEL, V. R.
METALLOGRAPHY OF WROUGHT VACUUM-CAST BERYLLIUM AT ELEVATED TEMPERATURES.
RFP-544 11F U 41 08 HC$ 1.00 MF$ 0.50

FRIEDMAN, BEN I.
METABOLIC CHANGES IN HUMANS FOLLOWING TOTAL BODY IRRADIATION.
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50

FRIEDMAN, HOWARD S.
FOREIGN DEVELOPMENTS IN SURGICAL TRANSPLANTATION.
AD-628 763 6E T 66 07 HC$ 3.00 MF$ 0.75

FRIEDMAN, JOYCE
THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS.
AD-629 455 5G T 66 08

FRIEDMAN, J. I.
POLARIZATION OF THE RECOIL PROTON FROM PI(0) 0 PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

FRIEDMAN, MANFRED P.
BEHAVIOR OF THE SONIC BOOM SHOCK WAVE NEAR THE SONIC CUTOFF ALTITUDE.
N66-13241 20A U 41 07 HC$ 3.00 MF$ 0.50

FRIEDMAN, S. I.
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER FOR LOW ENERGY COLLISION MEASUREMENTS.
AD-466 782 20F U 41 08 HC$ 3.00 MF$ 0.75

FRIEDRICH, H. BRUCE
ABSOLUTE INFRARED INTENSITIES IN MIXED HYDROGEN HALIDE CRYSTALS.
AD-629 465 7D T 66 08

FRIEND, JAMES P.
STUDIES OF NUCLEAR DEBRIS IN PRECIPITATION.
NYO-2415-12 18H U 41 08 HC$ 2.00 MF$ 0.50

FRIESS, SEYMOUR L.
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

FRISBY, E. M.
LIGHT WINDS IN THE STRATOSPHERE (15-24 KM). PART 3.
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75

FRITZSCHE, H.
EXPERIMENTAL INVESTIGATION OF THE ELECTRONIC PROPERTIES OF SOLIDS.
AD-629 495 20L T 66 08 HC$ 1.00 MF$ 0.50

FROHLICH, DIETMAR
RESONANT ENERGY TRANSFER BETWEEN EXCITED F-CENTERS IN KI.
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50

FROMEY, G. DAVID
CONCATENATED CODES.
AD-628 956 9D T 66 08 HC$10.60 MF$ 0.75

FROMMER, B. FRANKLIN
ALLOY JUNCTION FORMATION TEMPERATURE AND ELECTRO-LUMINESCENCE IN 4TH SILICON CARBIDE.
AD-628 605 20L T 66 07

FRUTKIN, A. W.
SPACE AND THE INTERNATIONAL COOPERATION YEAR - A NATIONAL CHALLENGE.
N66-10750 22A U 41 08 MF$ 0.50

FUCHS, A. J.
A IMP MISSION PROFILE AND REAL TIME COMPUTING SYSTEM DESCRIPTION.
N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50

FUCHS, KARL
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE.
AD-628 068 8K T 66 07 HC$ 1.00 MF$ 0.50

FUCHS, WOLFGANG H. J.
ENTIRE AND MEROMORPHIC FUNCTIONS WITH ASYMPTOTICALLY PRESCRIBED CHARACTERISTIC.
AD-629 028 12A T 66 08

FUGLISTER, CECELIA B.
BIBLIOGRAPHY OF REPORTS 1965.
AD-628 758 8J T 66 07 HC$ 1.00 MF$ 0.50

FUIMORI, EIJI
INTERACTION BETWEEN CHLOROPHYLL AND HYDROQUINONE.
AD-628 905 6A T 66 08

FUJII, Y.
PROPERTIES OF A MASSIVE NEUTRAL GAUGE PARTICLE.
AD-629 283 20H T 66 08

FUKUI, K.
SATELLITE OBSERVATIONS OF LOW-ENERGY PRIMARY COSMIC RAY NUCLEI OF CHARGES Z > OR= 6.
AD-628 631 4A T 66 07

FURCINITI, C. A.
RELIABLE SOLID-STATE CIRCUITS.
N66-11799 9E U 41 08 HC$ 3.00 MF$ 0.75

FURLANI, CITA M.
TABLES OF REST TCHEBYCHEFF APPROXIMANTS FOR TIME-DELAY SIMULATION.
AD-628 219 12B T 66 07 HC$ 2.00 MF$ 0.50

FURSTENBERG, HARRY
TRANSLATION-INVARIANT CONES OF FUNCTIONS ON SEMI-SIMPLE LIE GROUPS.
AD-629 600 12A T 66 08

FUXE, KJELL
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS.
AD-628 741 6P T 66 07

GAARDER, N. THOMAS
MAXIMAL-RATIO DIVERSITY COMBINERS.
AD-628 993 17B T 66 08 HC$ 3.00 MF$ 0.50

GAASH, AMNON A.
SYNTHESIS OF INTEGRATED SELECTIVE AMPLIFIERS FOR SPECIFIED RESPONSE AND DESENSITIVITY.
AD-628 677 9E T 66 07 HC$ 4.00 MF$ 0.75

GABELMAN, JOHN W.
EXAMINATION OF SELECTED AREAS IN PERU.
RME-4530 8G U 41 08 HC$ 2.00 MF$ 0.50

RECONNAISSANCE FOR URANIUM IN NORTHEAST COASTAL BRAZIL.
RME-4545 8G U 41 07 HC$ 2.00 MF$ 0.50

GABRON, F.
THERMAL SCALE MODELING OF THE MARINER IV SPACECRAFT.
N66-10631 22B U 41 08 HC$ 5.00 MF$ 1.00

GADDY, RUFUS H.
AUTOMATED ANALYSIS OF LITHIUM SOLUTIONS.
DP-985 7B U 41 08 HC$ 1.00 MF$ 0.50

GAGNE, ROGER A.
PHYSICAL AND MECHANICAL PROPERTIES OF TI-6AL-4V ALLOY SUBSEQUENT TO HIGH VELOCITY DEFORMATION.
AD-629 708 13H T 66 08 HC$ 1.00 MF$ 0.50

GAITO, JOHN
NUCLEIC ACID AND PROTEIN CHANGES DURING DEVELOPMENT IN NORMAL AND VISUALLY DEPRIVED RATS.
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50

GAKMAN, E. L.
OXIDATION-RESISTANT MATERIALS, A HANDBOOK.
AD-629 106 11F T 66 08 HC$ 5.00 MF$ 1.00

GALAMBOS, THEODORE V.
STRENGTH OF SINGLE-STORY STEEL FRAMES.
AD-628 210 13B T 66 07

GALANTER, EUGENE
STUDIES OF THE CONSTANT ERROR.
AD-629 678 5J T 66 08 HC$ 4.60 MF$ 0.50

ON THE NATURE OF LAWS IN PSYCHOLOGY.
AD-629 680 5J T 66 08 HC$ 2.60 MF$ 0.50

GALEF, BENNETT G.
ABSOLUTE AND DIFFERENTIAL CUING OF SUCCESSIVE REVERSALS.
AD-629 146 5J T 66 08

GALLAGHER, E. V.
STUDIES OF REACTOR CONTAINMENT.
IITRI-T6042-11 18J U 41 07 HC$ 2.00 MF$ 0.50

GALLAGHER, JOHN C.

DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY.
AD-629 346 9R T 66 08 HC$ 2.00 MF$ 0.50

GALLITELLI, L.
INVESTIGATIONS ON THE EFFECT OF REPEATED HIGH G FORCES ON FROGS,
AD-629 110 6S T 66 08

GAMBINO, J. J.
INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY.
N66-12200 6R U 41 08 HC$ 1.00 MF$ 0.50

GANTON, J. H.
AMBIENT NOISE UNDER ARCTIC-SEA ICE,
AD-628 304 20A T 66 07

TEMPERATURE-AND WIND-DEPENDENT AMBIENT NOISE UNDER MIDWINTER PACK ICE,
AD-629 276 20A T 66 08

GARAFOLA, J. R.
ANALYSIS OF SAFETY ASPECTS OF AIRCRAFT LANDING OPERATIONS.
AD-430 087 18 U 41 07 HC$ 5.00

GARDEN, JOHN W.
MAST CELL DISRUPTION AND OTHER CHANGES IN THE PERICORNEAL TISSUE MORPHOLOGY AFTER INTRAPERITONEAL INJECTIONS OF A POTENT HISTAMINE LIBERATOR (COMPOUNDS 48/80).
AD-628 125 6M T 66 07

GARDINER, PAUL C.
TARGET ANGLE DISCRIMINATOR FOR DIRECTIONALLY SENSITIVE WAVE ENERGY RECEIVERS.
PATENT 3,221,693 19H U 41 07

GARDNER, H. R.
THE FATIGUE BEHAVIOR OF PU - 1.0 W/O GA DELTA STABILIZED PLUTONIUM,
BNWL-16 11F U 41 07 HC$ 1.00 MF$ 0.50

GARDNER, L. A.
STATISTICAL METHODS FOR THE ANALYSIS OF RE-ENTRY VEHICLE RADAR DATA, PART I.
AD-629 359 17I T 66 08 HC$10.00 MF$ 0.75

GARDNER, ROBERT S.
TIME DELAY CIRCUITS FOR ECHO CONTROLLED STEERING GEAR.
PATENT 3,221,694 19H U 41 07

GARNER, W. E.
VLF RELATIVE PHASE PREDICTIONS FOR SELECTED TRANSMISSION PATHS.
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75

GARRAHAN, N. M.
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES,
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50

GARTH, JOHN CAMPBELL
A MAGNETIC RESONANCE STUDY OF IRON IN SILVER CHLORIDE.
COO-1198-228 20C U 41 07 HC$ 3.00 MF$ 0.75

GARVEY, CATHERINE
DEVELOPMENT AND EVALUATION OF A TACTICAL MANDARIN CHINESE LANGUAGE COURSE.
AD-629 444 5G T 66 08 HC$ 2.00 MF$ 0.50

GASHINA, S. B.
SPECIAL FEATURES OF THE RADAR CHARACTERISTICS OF THUNDERSTORM CLOUDS.
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50

GATES, L. O.
BORONATED GRAPHITE IRRADIATION STUDIES SUMMARY REPORT OF THERMAL-NEUTRON-SHIELDED EXPERIMENTS CONDUCTED IN THE ETR,
BNWL-161 18F U 41 08 HC$ 1.00 MF$ 0.50

GAULD, WILLIAM J.
FLEXIBLE COLD SIDE FOR THERMOELECTRIC MODULE.
PATENT 3,221,508 13A U 41 07

GAULE, G. K.
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES,
AD-629 514 20L T 66 08

B10/B11 THERMISTOR PAIRS AND THEIR APPLICATION,
AD-629 523 20H T 66 08

GAVER, D. P.
TIME-DEPENDENT DELAYS AT TRAFFIC MERGES.
AD-629 230 5A T 66 08 HC$ 1.60 MF$ 0.50

GDULA, W. G.
SOLAR CELL CALIBRATION TECHNIQUES,
N66-11229 10A U 41 08 HC$ 1.00 MF$ 0.50

GEBALLE, T. H.
SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

GEEMAERTS, WALTER J.
OBSERVATIONS ON EARLY PATHOLOGIC EFFECTS OF PHOTIC INJURY TO THE RABBIT RETINA. A LIGHT AND ELECTRON MICROSCOPIC STUDY,
AD-628 478 6E T 66 07

GEFFEN, NIMA
MAGNETOGASDYNAMIC HYPERCRITICAL FLOWS WITH SHOCKS,
AD-628 061 20I T 66 07

GEINE, E. I.
RAPID METHODS OF TESTING ANTIFOULING PAINTS FOR OCEAN-GOING SHIPS,
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50

GENAU, MARY ALICE
UNDERWATER SHOCK WAVE FREQUENCY SPECTRUM ANALYSIS. IV. FORTRAN IV PROGRAMS FOR THE IBM-7090 COMPUTER,
AD-628 936 20A T 66 08 HC$ 3.60 MF$ 0.50

GENSHAW, M.
REVERSIBLE OXYGEN ELECTRODES.
AD-628 171 10B T 66 07 HC$ 3.60 MF$ 0.50

GENTILE, PHILIP S.
THE THERMODYNAMICS AND KINETICS OF COORDINATION COMPOUNDS.
TID-21660 7C U 41 07 HC$ 3.00 MF$ 0.75

GEOFFRION, ARTHUR M.
INTEGER PROGRAMMING BY IMPLICIT ENUMERATION AND BALAS' METHOD,
AD-628 361 12B T 66 07 HC$ 2.60 MF$ 0.50

ON SOLVING BI-CRITERION MATHEMATICAL PROGRAMS,
AD-629 519 12B T 66 08 HC$ 3.60 MF$ 0.50

GEOFFRION, A.
FINDING EVERETT'S LAGRANGE MULTIPLIERS BY LINEAR PROGRAMMING,
AD-629 505 12B T 66 08 HC$ 1.10 MF$ 0.50

GEORGE, J. H. B.
ISOTOPES IN INDUSTRY. TRENDS IN THE INDUSTRIAL USE OF RADIOISOTOPES AND IONIZING RADIATION.
NYO-3337-16 13H U 41 07 HC$ 1.50 MF$ 1.00

GERDS, A. F.
THE FABRICATION OF BERYLLIUM,
AD-464 975 11F U 41 07 HC$ 4.00 MF$ 1.00

GERJUOY, EDWARD
APPLICATIONS OF MODERN DEVELOPMENTS IN SCATTERING THEORY TO ATOMIC COLLISION PROBLEMS.
AD-628 812 20H T 66 07 HC$ 2.60 MF$ 0.50

GERLACH, R. L.
DISLOCATION STRUCTURES IN CLEAVED MAGNESIUM OXIDE.
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50

GERSHBERG, D.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGENOXYGEN FUEL CELLS.
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50

GERTSMA, LAURNECE W.
EVALUATION OF ONE TYPE OF FOLDABLE TUBE.
N66-12137 22B U 41 07 HC$ 1.00 MF$ 0.50

GETHMANN, R. B.
LARGE-AREA ELECTRONIC DISPLAY PANEL,
AD-294 845 9A U 41 08 HC$ 4.00

GETTY, W. D.
HIGH-PERVEANCE ELECTRON BEAM-PLASMA INTERACTION REPORT ON AN EXPERIMENT IN THE LONG SOLENOID FACILITY AT OAK RIDGE NATIONAL LABORATORY,
CONF-471-45 20I U 41 07 HC$ 1.00 MF$ 0.50

GHAFFARI, A.
ON INTEGRATION OF HAMILTON- JACOBI PARTIAL DIFFERENTIAL EQUATION,
N66-11216 12A U 41 08 HC$ 1.00 MF$ 0.50

GHAUSI, MOHAMMED S.
INVESTIGATION OF NETWORK REALIZABILITY.
AD-628 921 9C T 66 08 HC$ 5.60 MF$ 0.50

GIANINO, P. D.
DISAPPEARANCE OF MAGNETOCRYSTALLINE ANISOTROPY EFFECTS ON SPIN RESONANCE OF YIG.
AD-629 716 20L T 66 08

GIARDINI, A. A.
PRESSURE DEPENDENCE OF THE DIELECTRIC CONSTANT OF STRONTIUM TITANATE,
AD-628 606 20L T 66 07

GIBBS, MARTIN
EFFECT OF PHOSPHORYLATED COMPOUNDS AND INHIBITORS ON C02 FIXATION BY INTACT SPINACH CHLOROPLASTS,
AD-628 270 6A T 66 07

GIBSON, I. M.
CONTINUOUS RECORDING OF CHANGES IN MEMBRANE POTENTIAL IN MAMMALIAN CEREBRAL TISSUES IN VITRO: RECOVERY AFTER DEPOLARIZATION BY ADDED SUBSTANCES,
AD-628 358 6P T 66 07

GIBSON, WILLIAM A.
SEASONAL VARIATIONS IN HUMAN PAROTID FLUID FLOW RATE IN A SUBTROPICAL CLIMATE.
AD-629 730 6P T 66 08 HC$ 1.00 MF$ 0.50

GLUCOSE TOLERANCE RESPONSES IN YOUNG ADULTS OF SHARPLY CONTRASTING PERIODONTAL STATUS.
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50

GIELISSE, P. J.
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

GILBERT, GEORGE H.
UNUSUAL AUDIBILITY OF THE SUFFIELD EXPLOSION IN CANADA, JULY 1964.
AD-629 364 20A T 66 08

GILCHREST, D. W.
DESIGN AND MANUFACTURE OF DIRECT CURRENT TORQUER AMPLIFIERS.
N66-10625 9C U 41 08 HC$ 2.00 MF$ 0.50

GILCHRIST, L. P.
HOPI-DART AND CAJUN-DART ROCKET WIND MEASURING SYSTEMS,
N66-11197 4A U 41 08 HC$ 1.00 MF$ 0.50

GILLIN, NORMAN R.
QUARTZ CRYSTAL UNIT CR-(XM-37)/U. COMPLETION REPORT STEP I.
AD-628 517 9A T 66 07 HC$14.60 MF$ 1.00

GILLIS, J.
THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A VISCOUS FLUID, PART 1.
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50

MAGNETOHYDRODYNAMIC FLOW IN THE INLET REGION OF A STRAIGHT CHANNEL.
AD-628 180 20I T 66 07 HC$ 4.60 MF$ 0.50

ASYMPTOTIC APPROACH TO HARTMANN-POISEUILLE FLOWS.
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50

GINOUX, JEAN J.
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS.
AD-628 182 20D T 66 07 HC$ 3.60 MF$ 0.50

GINSBURG, SEYMOUR
FINITE-TURN PUSHDOWN AUTOMATA.
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50

STACK AUTOMATA AND COMPILING.
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75

MAPPINGS WHICH PRESERVE CONTEXT SENSITIVE LANGUAGES.
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50

GIORGIA, M. JOYCE
IDENTIFICATION OF JOB REQUIREMENT FACTORS BY USE OF SIMULATED JOBS,
AD-628 952 5I T 66 08

GIRDLER, R. W.
LEAKS IN RADIOACTIVE-WASTE TANKS,
DP-990 18G U 41 08 HC$ 2.00 MF$ 0.50

GIRNIUS, A.
DETENMINATION OF THE ABSOLUTE SPACE DIRECTIONS BETWEEN BAKER-NUNN CAMERA STATIONS,
N66-10686 28E U 41 08 HC$ 2.00 MF$ 0.50

GLAESER, W. A.
A STUDY OF SLEEVE BEARINGS IN AIRCRAFT SUPPORT STRUCTURES.
AD-628 937 13I T 66 08 HC$ 2.00 MF$ 0.50

GLENDINNING, W. B.
MICROCIRCUIT PHOTOMASKS FROM AUTOMATIC TECHNIQUES,
AD-629 513 14E T 66 08

GLICK, ARNOLD J.
SOFT X-RAY EMISSION SPECTRUBY F METALS,
AD-629 149 7D T 66 08

GLOECKLER, G.
PROTONS AND HELIUM NUCLEI WITHIN INTERPLANETARY MAGNETIC REGIONS WHICH COROTATE WITH THE SUN,
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50

GLOTEV, V. N.
RAPID METHODS OF TESTING ANTIFOULING PAINTS FOR OCEAN-GOING SHIPS,
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50

GLOVER, GEORGE G.
MULTIPLE CONDUCTOR CABLE TESTER HAVING ROTATABLE ANNULAR SWITCH MEANS FOR TEST- ING INSULATION RESISTANCE, CROSS WIRING AND CONTINUITY.
PATENT 3,217,244 9C U 41 07

GLUCKSTERN, R. L.
EFFECT OF FINITE LIFE OF UPPER LEVEL ON PROBABILITY OF COULOMB EXCITATION,
AD-628 267 20H T 66 07

GLUSICK, W. E.
MAGNETO-OPTICAL DISPLAY PANEL WITH MEMORY.
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50

GLUSS, BRIAN
INVARIANT IMBEDDING AND THE SOLUTION OF DIFFUSION EQUATIONS,
AD-629 169 20M T 66 08 HC$ 1.60 MF$ 0.50

GODDARD, RICHARD T.
DEVELOPMENT AND OPERATION OF AN ELECTRICAL-RESISTANCE AIR HEATER FOR THE ARL TWENTY-INCH HYPERSONIC WIND TUNNEL.
AD-628 614 14B T 66 07 HC$ 6.60 MF$ 0.75

GOGUEN, JOSEPH A.
SOME CONSIDERATIONS ON EVOLUTIONARY ALGORITHMS.
AD-629 107 12A T 66 08 HC$ 1.60 MF$ 0.50

GOLAND, L.
AN INVESTIGATION OF PROPELLER SLIPSTREAM EFFECTS ON V/STOL AIRCRAFT PERFORMANCE AND STABILITY.
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00

GOLDBERGER, MARVIN L.
RF BREAKDOWN NEAR A CONICAL RE-ENTRY BODY.
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50

GOLDBLATT, DAVID
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE,
AD-628 619 6E T 66 07

GOLDBLATT, PETER J.
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE,
AD-628 263 6A T 66 07

GOLDENBAUM, G.
EXPERIMENTAL STUDY OF SHOCK WAVE FORMATION IN AN ALMOST COLLISIONFREE PLASMA,
AD-629 358 20I T 66 08

GOLDMAN, D. E.
INJURY MECHANISM OF INTERNAL ORGANS OF ANIMALS EXPOSED TO SINUSOIDAL VIBRATION.
AD-628 949 6S T 66 08

GOLDMAN, JACK K.
FREE FATTY ACID RESPONSES TO TILTING AFTER WATER IMMERSION,
AD-628 674 6S T 66 07

GOLDMAN, JAY R.
STOCHASTIC POINT PROCESSES: LIMIT THEOREMS,
AD-629 525 12A T 66 08 HC$ 5.60 MF$ 0.50

GOLDMAN, J. E.
THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION,
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

GOLDMAN, N.
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

GOLDMAN, STANFORD
DUALITY AND INFORMATION COMPONENTS IN FOURIER TRANSFORMS.
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75

GOLDRING, HANNA
INFRARED SPECTRA OF HC1 IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

GOLDSMITH, I. G.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

GOLDSTEIN, ARTHUR W.
A SINGLE-COLLISION MODEL FOR ELECTRON-BEAM CURRENTS BETWEEN PLANE ELECTRODES.
N66-10326 20I U 41 07 HC$ 1.00 MF$ 0.50

GOLDSTEIN, CHARLES M.
A SINGLE-COLLISION MODEL FOR ELECTRON-BEAM CURRENTS BETWEEN PLANE ELECTRODES.
N66-10326 20I U 41 07 HC$ 1.00 MF$ 0.50

GOLDSTEIN, I.
EFFECTS OF OUTPUT COUPLING ON OPTICAL MASERS.
AD-628 705 20E T 66 07

GOLDSTEIN, J.
ABSORPTION TABLES FOR ELECTRON PROBE MICROANALYSIS,
N65-35830 20F U 41 07 HC$ 6.00 MF$ 1.50

GOLDSTEIN, KENNETH M.
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

GOLDSTEIN, MYMON
CONTINGENT DISCRIMINATION IN HUMANS,
AD-629 144 5J T 66 08

ABSOLUTE AND DIFFERENTIAL CUING OF SUCCESSIVE REVERSALS,
AD-629 146 5J T 66 08

GOLDSTEIN, RAYMOND
ELECTRICAL CONDUCTIVITY MEASUREMENTS IN A FARADAY ACCELERATOR,
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50

GOLD, ALBERT
MULTIPHOTON IONIZATION OF RARE GAS AND HYDROGEN ATOMS,
AD-628 724 7E T 66 07

GOLLIHER, K. G.
CAPABILITIES OF THE 1 MW SHIELD TEST AND IRRADIATION REACTOR,
NAA-SR-11528 18M U 41 08 HC$ 2.00 MF$ 0.50

GOLSTEIN, J. P.
REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARRON WITH OLEFINS,
AD-629 063 7C T 66 08

GOMES, V.
THE EP = 2.66 MEV RESONANCE IN 016(P,P)016,
AD-628 698 20H T 66 07

GONCHARENKO, G. K.
INVESTIGATION OF ULTRASONIC ATOMIZERS OF LIQUIDS AND MELTS,
AD-629 414 14B T 66 08 HC$ 1.00 MF$ 0.50

GOODENOUGH, JOHN B.
CONTEXTUAL CORRELATES OF SYNONYMY,
AD-628 108 5G T 66 07

GOODE, R. J.
FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CB-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

GOODLAND, R. J. A.
ON TERMITARIA IN A SAVANNA ECOSYSTEM BRITISH GUIANA.
AD-629 401 6C T 66 08

GOODMAN, MAXWELL W.
MINIMAL-RECOMPRESSION, OXYGEN-BREATHING APPROACH TO TREATMENT OF DECOMPRESSION SICKNESS IN DIVERS AND AVIATORS.
AD-628 823 6S T 66 07 HC$ 4.60 MF$ 0.50

GORAZDOVSKII, T. YA.
INVESTIGATION OF THIN SAMPLES OF MINERAL ROCK UNDER CONDITIONS OF SHEAR DUE TO TORSION AND UNIDIRECTIONAL STRESS.
AD-629 046 8G T 66 08 HC$ 1.00 MF$ 0.50

GORELIK, A. G.
THE COORDINATE-DOPPLER METHOD OF WIND OBSERVATION.
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50

GORSHKOVA, T. I.
ORGANIC MATTER IN SEDIMENTS IN THE NORWEGIAN SEA AND CONDITIONS FOR THE ACCUMULATION OF SUCH MATTER,
AD-628 195 8A T 66 07 HC$ 2.60 MF$ 0.50

GORSLINE, DONN S.
GEOLOGIC STUDIES OF SOUTHERN CALIFORNIA SUBMARINE CANYONS.
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75

GOSSARD, E. E.
RADIO REFRACTION BY THE MARINE LAYER AND ITS EFFECT ON MICROWAVE PROPAGATION.
AD-451 653 20N U 41 07 HC$ 1.00

GOSSELIN, CHARLES M.
EXTREME VACUUM TECHNOLOGY DEVELOPMENTS,
N65-36766 14B U 41 07 HC$ 2.00 MF$ 0.50

GOTTAL, PH DE
RELATIVISTIC EFFECTS IN STATISTICAL HYDRODYNAMICS,
AD-629 690 20D T 66 08

GOUBAU, G.
MODES IN RADIAL WAVE BEAM RESONATORS.
AD-629 502 9A T 66 08

GOULARD, B.
ISOBARIC SPLITTING OF DIPOLE STATES IN NUCLEI,
AD-628 878 20H T 66 07

GOULD, GORDON
COLLISION LASERS,
AD-629 159 20E T 66 08

GOULD, ROBERT PATTERSON
TURBOJET ENGINE PROCUREMENT COST ESTIMATING RELATIONSHIPS.
AD-628 057 15E T 66 07 HC$ 3.00 MF$ 0.75

GOULD, ROY W.
ECHO PHENOMENA.
AD-629 538 20I T 66 08

GOW, A. J.
ON THE MODE OF UPLIFT OF THE FISH AND FOSSILIFEROUS MORAINES OF THE MCMURDO ICE SHELF, ANTARCTICA.
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50

GRAAB, JUDSON W.
PREPARATION OF LOW-CARBON-CONTENT IRON FOR USES AN ACCELERATOR FOR CARBON DETERMINATIONS,
N65-35964 11F U 41 07 HC$ 1.00 MF$ 0.50

GRAD, HAROLD
ON BOLTZMANN'S H-THEOREM,
AD-629 536 20M T 66 08

GRAFSTEIN, DANIEL
LIQUID LASER PARAMETERS.
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

SELECTIVE ENHANCEMENT OF FLUORESCENCE FROM SOME RARE-EARTH SALTS IN SOLUTION,
AD-628 585 7D T 66 07

GRAF, E. R.
RADIO FREQUENCY SYSTEMS. MILLIMETER WAVES STUDY.
N66-10618 9F U 41 08 HC$ 2.00 MF$ 0.50

GRAHAM, ELLIS R.
90 SR, 137 CS, AND RADIOACTIVE RARE EARTHS IN ENVIRONMENTAL RAIN AND AIR AT LOS ALAMOS, NEW MEXICO, 1963-1964,
LA-3382 6R U 41 07 HC$ 1.00 MF$ 0.50

GRAHAM, HENRY C.
DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF SOME REFRACTORY METAL OXIDES,
AD-629 490 11B T 66 08

GRAHAM, M. L.
A UNIVERSAL ASSEMBLY MAPPING LANGUAGE; 19.1,
AD-629 371 9B T 66 08

GRAN, M. H.
INVESTIGATION OF THE ACQUISITION PROBLEM IN SATELLITE ATTITUDE CONTROL.
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50

GRAYBIEL, ASHTON
THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS,
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

THE ROLE OF VESTIBULAR NYSTAGMIS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK,
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. I. METHODOLOGY AND PRELIMINARY RESULTS,
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. III. HABITUATION AND TECHNIQUE OF ASSUMING THE TURN AS FACTORS IN ILLUSORY PERCEPTION,
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50

VERTIGO AS A CAUSE OF PILOT ERROR IN JET AIRCRAFT.
AD-468 151 6S U 41 07 HC$ 1.00 MF$ 0.50

GREASON, R. L.
A METALLOGRAPHIC HOT-STAGE FOR PLUTONIUM,
RFP-548 18D U 41 07 HC$ 1.00 MF$ 0.50

GREENBERG, BURTON H.
1965 RESEARCH CLERKSHIP REPORTS,
AD-628 384 6E T 66 07 HC$ 5.60 MF$ 0.50

GREENBERG, I. N.
ALLOY JUNCTION FORMATION TEMPERATURE AND ELECTRO-LUMINESCENCE IN 4TH SILICON CARBIDE,
AD-628 605 20L T 66 07

GREENBERG, J. M.
WAVE LENGTH DEPENDENCE OF POLARIZATION BY SMALL GRAPHITE FLAKES,
N66-12996 3B U 41 08 HC$ 1.00 MF$ 0.50

GREENBERG, MARVIN J.
PERFECT CLOSURES OF RINGS AND SCHEMES.
AD-628 703 12A T 66 07

GREENBERG, O. W.
HIGH-ORDER LIMIT OF PARA-BOSE AND PARAFERMI FIELDS,
AD-629 041 20J T 66 08

GREENHALGH, R.
THE CLEAVAGE OF PHOSPHORUS TO NITROGEN BONDS WITH HYDROGEN FLUORIDE,
AD-629 744 7C T 66 08

GREENHOUSE, H. M.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

GREENLAND, L.
FRACTIONATION OF FLUORINE, CHLORINE AND OTHER TRACE ELEMENTS DURING DIFFERENTIATION OF A THOLEIITIC MAGMA,
N66-12986 8D U 41 08 HC$ 2.00 MF$ 0.50

GREENLEAF, FREDERICK P.
NORM DECREASING HOMOMORPHISMS OF GROUP ALGEBRAS,
AD-629 617 12A T 66 08

GREEN, C. E.
ACOUSTIC TRANSDUCER EVALUATION CENTER (TRANSDEC). NONREVERBERATING POOL DEVELOPED AT NEL FOR CALIBRATION AND EVALUATION.
AD-449 746 14B U 41 07 HC$ 2.00

GREEN, J. H.
A THIRD POSITRON LIFETIME IN SOLID POLYMERS,
AD-629 086 7E T 66 08

GREEN, L. W.
HIGHLIGHTS OF THE FIRST TEN YEARS OF THE RAND EMPLOYEES FEDERAL CREDIT UNION (1955-1965),
AD-628 627 5C T 66 07 HC$ 3.00 MF$ 0.75

GREER, PAUL
PRODUCTION ENGINEERING MEASURE FOR SILICON OVERLAY TRANSISTORS.
AD-628 230 9A T 66 07 HC$ 2.00 MF$ 0.50

GREIBACH, SHEILA A.
A NOTE ON PUSHDOWN STORE AUTOMATA AND REGULAR SYSTEMS.
AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50

STACK AUTOMATA AND COMPILING.
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75

MAPPINGS WHICH PRESERVE CONTEXT SENSITIVE LANGUAGES.
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50

GREIBACH, SHEILA A.
THE UNSOLVABILITY OF THE RECOGNITION OF LINEAR CONTEXT-FREE LANGUAGES.
AD-628 202 5G T 66 07 HC$ 1.00 MF$ 0.50

GREIFINGER, C.
EQUATORIAL TRANSMISSION OF GEOMAGNETIC MICROPULSATIONS THROUGH THE IONOSPHERE AND LOWER EXOSPHERE.
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50

GRESHAM, RICHARD B.
FINAL REPORT.
AD-628 318 6E T 66 07 HC$ 1.10 MF$ 0.50

GRIEGER, P. F.
STUDY PAPERS ON THE AUXILIARY ELECTRODE.
N66-11765 10A U 41 08 HC$ 3.00 MF$ 0.75

GRIEM, HANS R.
THEORY OF WING BROADENING OF THE HYDROGEN LYMAN-ALPHA LINE BY ELECTRONS AND IONS IN A PLASMA.
AD-628 464 20I T 66 07

GRIERSON, I.
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS.
AD-629 061 7D T 66 08 HC$ 3.00 MF$ 0.75

GRIFFIN, A.
ON THE DETECTION OF SECOND SOUND IN CRYSTALS BY LIGHT SCATTERING.
AD-629 175 20A T 66 08

GRIFFIN, CHARLES C.
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE.
AD-628 263 6A T 66 07

GRIFFIN, G. W.
TRIMETHYLENECYCLOPROPANE.
AD-629 394 7C T 66 08

GRIFFITHS, JOHN F.
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

GRIGOREV, YU.
RADIATION SAFETY.
AD-629 422 6R T 66 08 HC$ 1.60 MF$ 0.50

GRITSMAN, YU. YA.
THE MECHANICAL TANTALUM SUTURE IN GASTRIC RESECTIONS.
AD-628 047 6L T 66 07 HC$ 3.00 MF$ 0.75

GROFF, R. P.
ANOMALOUS BEHAVIOR OF SUPERCONDUCTING MICROGEOMETRIES IN THE PRESENCE OF HIGH CURRENT DENSITIES.
AD-629 458 20C T 66 08

GROLIER, ERIC DE
ON THE THEORETICAL BASIS OF INFORMATION RETRIEVAL SYSTEMS.
AD-628 183 5B T 66 07 HC$ 6.00 MF$ 1.25

GROSS, B.
STRESS-INTENSITY FACTORS FOR THREE-POINT BEND SPECIMENS BY BOUNDARY COLLOCATION.
N66-12526 20K U 41 08 HC$ 1.00 MF$ 0.50

GROSS, DAVID IAN
ON REGRESSION TECHNIQUES FOR ESTIMATING THE PARAMETERS OF WEIBULL CUMULATIVE DISTRIBUTIONS.
AD-628 336 12B T 66 07 HC$ 5.60 MF$ 0.50

GROSS, K. W.
CALCULATION OF ROCKET PERFORMANCE PARAMETERS BASED ON THE EQUILIBRIUM COMPOSITION OF THE COMBUSTION PRODUCTS.
N66-10689 21H U 41 08 HC$ 5.00 MF$ 1.00

GROSS, P. M.
ALLOYS OF IMPROVED ELASTIC PROPERTIES.
AD-629 726 11F T 66 08 HC$ 3.00 MF$ 0.50

AD-629 727 11F T 66 08 HC$ 4.00 MF$ 0.75

GROTBECK, RONALD L.
ANGULAR DEPENDENCE OF SURFACE SCATTERED LASER RADIATION.
AD-628 295 20E T 66 07 HC$ 2.00 MF$ 0.50

GROTH, L. H.
REFLECTOR SURFACE DEVIATIONS IN LARGE PARABOLIC ANTENNAS.
AD-629 410 9E T 66 08

GROVES, G. W.
THE MECHANICAL PROPERTIES OF CERAMIC ALLOYS.
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50

GROVES, R. T.
A IMP MISSION PROFILE AND REAL TIME COMPUTING SYSTEM DESCRIPTION.
N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50

GROVES, W. O.
DEVELOPMENT OF IMPROVED SINGLE CRYSTAL GALLIUM PHOSPHIDE SOLAR CELLS.
N66-11246 20L U 41 08 HC$ 3.00 MF$ 0.75

GROVE, G. E.
MOUND LABORATORY PROGRESS REPORT FOR MAY 1965.
MLM-1266 7E U 41 07 HC$ 2.00 MF$ 0.50

GROVE, G. R.
REACTOR FUELS AND MATERIALS DEVELOPMENT PLUTONIUM RESEARCH APRIL-JUNE 1965.
MLM-1283 18J U 41 07 HC$ 4.00 MF$ 0.50

GRUBER, BERNARD A.
DEVELOPMENT OF THE DRY TAPE BATTERY CONCEPT.
N66-12128 10C U 41 07 HC$ 6.80 MF$ 1.25

GUALTIEROTTI, T.
LA FREQUENZA DI SCARICA DEI MOTONEURONI SPINALI NELL'ARTO SUPERIORE E INFERIORE DELL'UOMO IN RELAZIONE CON LA TENSIONE SVILUPPATA DAL MUSCOLO.
AD-629 109 6P T 66 08

INVESTIGATIONS ON THE EFFECT OF REPEATED HIGH G FORCES ON FROGS.
AD-629 110 6S T 66 08

FUNCTIONAL FUNDAMENTAL CHARACTERISTICS OF THE NERVOUS SYSTEM IN ATHLETES AND THE EFFECTS OF PERFORMANCE.
AD-629 111 6S T 66 08

GUAZZI, MAURIZIO
CAROTID SINUS AND AORTIC REFLEXES IN THE REGULATION OF CIRCULATION DURING SLEEP.
AD-628 340 6P T 66 07

GUDERJAHN, CHARLES A.
FLOWING GAS DISCHARGES IN POTASSIUM AND MERCURY.
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50

GUEST, TOMMY D.
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

GUILLOT, PHILIPPE
ETUDE PRELIMINAIRE A LA PREPARATION D'URANIUM 232 PAR IRRADIATION DE PROTACTINIUM 231 (PRELIMINARY STUDY OF THE PREPARATION OF URANIUM 232 BY IRRADIATION OF PROTACTINIUM 231).
PB-169 164 18B U 41 07 HC$ 2.00 MF$ 0.50

GUINN, V. P.
USE OF NEUTRON ACTIVATION ANALYSIS IN SCIENTIFIC CRIME DETECTION. 12-MONTH SUMMARY REPORT FOR THE PERIOD NOVEMBER 1, 1963-OCTOBER 31, 1964.
GA-6152 20H U 41 08 HC$ 3.00 MF$ 0.75

GUREVICH, E. S.
RAPID METHODS OF TESTING ANTIFOULING PAINTS FOR OCEAN-GOING SHIPS.
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50

GURLAND, J.
A STUDY OF THE MECHANICAL PROPERTIES OF HIGH-COBALT CEMENTED TUNGSTEN CARBIDES.
NYO-2394-12 11F U 41 07 HC$ 1.00 MF$ 0.50

GUSTAVIUS, ECKART
DATA REDUCTION OF CHEMICAL RELEASES IN THE UPPER ATMOSPHERE OF LOW-INTENSITY OPTICAL EMISSIONS CAUSED BY THE RELEASES AND DESIGN AND DEVELOPMENT OF PAYLOADS TO PRODUCE LUMINARY TRAIL AND POINT RELEASES AT ALTITUDES ABOVE 80 KM.
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50

GUSTAFSON, W. A.
THE NEWTONIAN DIFFUSE METHOD FOR COMPUTING AERODYNAMIC FORCES.
AD-628 762 20D T 66 07 HC$ 3.60 MF$ 0.50

GUSTAFSON, W. E.
GROUND SYSTEM EFFECT ON HIGH FREQUENCY ANTENNA PROPAGATION.
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50

GUTER, G. A.
RESEARCH ON PROCESSES FOR UTILIZATION OF LUNAR RESOURCES.
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75

GUTHRIE, R. D.
ON THE CLAIM OF A BIMOLECULAR MECHANISM OF PROTOTROPY.
AD-629 640 7C T 66 08

GUTOWSKY, H. S.
NMR SPIN-ECHO TRAINS FOR A COUPLED TWO-SPIN SYSTEM.
AD-466 684 7D U 41 07 HC$ 1.00 MF$ 0.50

GUYETT, IRVIN
INCIDENTAL LEARNING WITH WORD PAIRS VARYING IN ASSOCIATIVE OVERLAP AND CATEGORY MEMBERSHIP.
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50

GWYTHER, TIM Z.
INFLUENCE OF ELECTRICAL FIELDS ON SHOCK OF DETONATION TRANSITION.
AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50

GYER, MAURICE S.
MATHEMATICAL TARGETING II: THE ANALYSIS OF ANALYTICAL AEROTRIANGULATION TECHNIQUES BY SIMULATION METHODS.
AD-629 628 8B T 66 08 HC$13.60 MF$ 1.00

HAASE, D. J.
THERMOELECTRIC AND ELECTRICAL MEASURE- MENTS IN THE ER-SE SYSTEM.
AD-629 173 20L T 66 08

HABERICH, F. J.
UBER DEN EINFLUB KURZZEITIGER ABKLEMMUNG DER VENA PORTAE AUF DIE DIURESE UND DEN ARTERIELLEN BLUTDRUCK DER WACHEN RATTE (THE EFFECT OF SHORT-TERM OCCLUSION OF THE PORTAL VEIN ON DIURESIS AND ARTERIAL BLOOD PRESSURE IN THE UNANESTHETIZED RAT).

AD-629 210 6P T 66 08

HABLANIAN, M. H.
DIFFUSION PUMP BAFFLE STUDY.
AD-451 427 13K U 41 08 HC$ 7.60

HACHTEL, G. D.
SEMICONDUCTOR INTEGRATED OSCILLATORS.
AD-629 578 9E T 66 08 HC$ 6.00 MF$ 1.25

HADDEN, DAVID R.
DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY.
AD-629 346 9B T 66 08 HC$ 2.00 MF$ 0.50

HADLEY, J. F.
A STANDARDS AND CALIBRATION PROGRAM IN A LARGE DEFENSE PLANT.
BDX-613-43 14B U 41 07 HC$ 1.00 MF$ 0.50

HAGAN, GEORGE H.
LITERATURE SURVEY PERTAINING TO ELECTRICALLY SMALL ANTENNAS, PROPAGATION THROUGH VEGETATION, AND RELATED TOPICS.
AD-629 155 9E T 66 08 HC$ 6.00 MF$ 1.50

HAGEN, NANCY S.
A FORTRAN IV PROGRAM FOR THE EVALUATION OF POST-IRRADIATION SURVIVAL TIMES.
UCLA-12-573 9B U 41 07 HC$ 2.00 MF$ 0.50

HAGE, KEITH D.
SUMMARY OF SHORT-PERIOD TERMINAL WEATHER INFORMATION STUDIES.
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75

HAGFORS, TOR
TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS.
AD-628 565 3B T 66 07

HAGGARD, DONALD F.
THE FEASIBILITY OF DEVELOPING A TASK CLASSIFICATION STRUCTURE FOR ORDERING TRAINING PRINCIPLES AND TRAINING CONTENT.
AD-628 162 5I T 66 07 HC$ 7.60 MF$ 0.75

HAGGENDAL, JAN
IDENTIFICATION AND CELLULAR LOCALIZATION OF THE CATECHOLAMINES IN THE RETINA AND THE CHOROID OF THE RABBIT.
AD-629 221 6P T 66 08

HAGLUND, E. A.
SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME IV. INTEGRATED SEAL SIMULATOR.
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50

HAIDERI, ABDUL Q.
PHOTOELECTRON STATISTICS FOR VARIABLE TIME AND BANDWIDTH.
AD-628 808 9D T 66 07 HC$ 5.60 MF$ 0.50

HAIGH, A. L.
A RELATIONSHIP BETWEEN ADRENALINE AND THE MODE OF ACTION OF OXYTOCIN AND OESTROGEN ON VASCULAR SMOOTH MUSCLE.
AD-628 389 6P T 66 07

HAIN, EUGENE T.
GUIDE-LITE HELIPORT SYSTEM.
PB-169 195 17G U 41 08 HC$ 2.00 MF$ 0.50

HAI, F.
FREQUENCY MODULATION OF LARGE CAVITIES.
AD-629 025 20G T 66 08

HAKIM, EDWARD B.
SECONDARY BREAKDOWN THERMAL CHARACTERIZATION AND IMPROVEMENT OF SEMICONDUCTOR DEVICES.
AD-629 386 9A T 66 08 HC$ 1.00 MF$ 0.50

HALAJIAN, J. D.
PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES.
N66-11876 22A U 41 08 HC$ 5.00 MF$ 1.00

PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES.
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50

HALEY, J. L.
HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00

TEST RESULTS - HEMISPHERICAL SPECIMENS, SUPPLEMENT II TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 680 6Q T 66 07 HC$ 1.00 MF$ 0.50

HALE, JACK K.
SUFFICIENT CONDITIONS FOR STABILITY AND INSTABILITY OF AUTONOMOUS FUNCTIONAL-DIFFERENTIAL EQUATIONS.
AD-629 446 12A T 66 08

HALLANDER, J. M.
INVESTIGATION OF THERMAL-STRESS-FATIGUE BEHAVIOR OF STAINLESS STEELS.
ATL-A-143 11F U 41 07 HC$ 1.00 MF$ 0.50

ATL-A-144 11F U 41 07 HC$ 4.00 MF$ 1.00

HALLER, E. W.
RELEASE OF VASOPRESSIN FROM ISOLATED GUINEA PIG POSTERIOR PITUITARIES.
AD-629 599 6P T 66 08

HALLER, HENRY C.
ANALYSIS OF LOW-TEMPERATURE DIRECT-CONDENSING VAPOR-CHAMBER FIN AND CONDUCTING FIN RADIATORS.
N66-10748 22B U 41 07 HC$ 3.00 MF$ 0.50

HALLER, MITCHELL W.
A NUCLEAR FUEL CONSISTING OF VERY SMALL, UNIFORMLY DISPERSED UC PARTICLES IN A URANIUM MATRIX.
NCSC-2981-6 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-7 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-8 18J U 41 07 HC$ 1.00 MF$ 0.50

HALL, ARTHUR L.
EVALUATION OF AN INSTRUMENTAL CONDITIONING PROCEDURE AS AN INDEX OF AUDITORY DECREMENT IN THE WHITE RAT.
AD-467 974 6S U 41 07 HC$ 1.00 MF$ 0.50

HALL, BARBARA C.
THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS.
AD-629 455 5G T 66 08

HALL, JAMES D.
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

HALL, JAMES T.
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART III. A METHOD OF EXPERIMENTALLY DERIVING TRANSMISSIVITY.
AD-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50

HALL, JOHN F.
EFFECTS OF VARIOUS GASES ON HANDGEAR INSULATION.
AD-628 367 6Q T 66 07 HC$ 1.60 MF$ 0.50

HALL, L. G.
ESTABLISHMENT OF STANDARDS FOR COMPATABILITY OF PRINTED CIRCUIT AND COMPONENT LEAD MATERIALS.
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00

HALL, R. N.
NEW SOLID-STATE DEVICE CONCEPTS.
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50

HALPERN, FRANCIS R.
WIGNERS ANALYSIS OF THE UNITARY REPRESENTA- TIONS OF THE POINCARE GROUP.
UCRL-12359 20J U 41 07 HC$ 3.00 MF$ 0.75

HAMANN, O. F.
RANDOM ACCESS LIGHT VALVE STUDY.
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75

HAMBLEN, J. W.
DESIGN OF THE TRANSIT SATELLITE ELECTRONICS SYSTEM.
PB-169 244 9E U 41 07 HC$ 2.00 MF$ 0.50

HAMILTON, D. C.
SOME NEW SUPERCONDUCTING COMPOUNDS.
AD-628 822 20L T 66 07

HAMILTON, H.
A PHOTOMECHANICAL INVESTIGATION OF THE ALGOL SOLID PROPELLANT ROCKET MOTOR NOZZLE.
N66-10671 21H U 41 08 HC$ 3.00 MF$ 0.75

HAMILTON, JAMES E.
F-101/F-106 FLIGHT SIMULATOR FLASHBLINDNESS EXPERIMENT.
AD-628 552 6S T 66 07 HC$ 1.60 MF$ 0.50

HAMME, J. V.
URANIUM INTERSTITIAL PHASES.
NCSC-2663-16 20B U 41 08 HC$ 1.00 MF$ 0.50

HAMPTON, K. GERALD
CONDENSATIONS AT THE TERMINAL METHYL GROUP OF 1,3,5-TRIKETONES BY MEANS OF SODAMIDE IN LIQUID AMMONIA.
AD-629 497 7C T 66 08

HANDLER, GEORGE S.
ON A SECOND-ORDER THOMAS-FERMI THEORY.
AD-629 398 20J T 66 08

HANLY, W. C.
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

HANNAH-ALAVA, ALOHA
MUTATION RATES AT SPECIFIC AUTOSOMAL LOCI IN DIFFERENT SPECIES OF DROSOPHILA.
TID-21601 6C U 41 08 HC$ 1.00 MF$ 0.50

HANRAHAN, FRANCIS P.
METHOD OF SPRAY DRYING LIQUID FOOD PRODUCTS.
PATENT 3,222,193 6H U 41 08

HANSEN, GORDON E.
THERMAL NEUTRON SPECTRA FROM AN UNDERGROUND NUCLEAR EXPLOSION WITH SPECIAL CONSIDERATION OF SPECTRAL MODIFICATION DUE TO BOMB DEBRIS MOTION.
LA-3403 18C U 41 08 HC$ 3.00 MF$ 0.50

HANSEN, G. E.
COMPUTATION OF FAST NEUTRON PENETRATION IN AIR BY THE SN-METHOD WITH SPECIAL EMPHASIS ON THE USE OF MULTI-TABLE-MULTI- GROUP CROSS SECTION SETS.
LA-3415 20H U 41 08 HC$ 3.00 MF$ 0.75

HANSEN, JAMES E.
TROOP PERFORMANCE IN HIGH ALTITUDES,
AD-629 330 6S T 66 08

HANSON, DAVID M.
EXCITON STRUCTURE IN TWO TRIPLET STATES OF CRYSTALLINE NAPHTHALENE,
AD-628 722 7D T 66 07

HANSON, K. L.
THERMAL INTEGRATION OF ELECTRICAL POWER AND LIFE SUPPORT SYSTEMS FOR MANNED SPACE STATIONS,
N66-11249 6K U 41 08 HC$ 7.00 MF$ 1.75

HANSON, LEONARD B.
TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS,
AD-628 565 3B T 66 07

HANSON, PETER G.
URINARY EXCRETION OF VANILMANDELIC ACID AFTER PLUS GX IMPACT IN HUMANS,
AD-629 198 6S T 66 08 HC$ 1.00 MF$ 0.50

HANSON, RICHARD W.
FACTORS INFLUENCING THE UTILIZATION OF KETONE BODIES BY MOUSE ADIPOSE TISSUE,
AD-629 317 6A T 66 08

ADAPTIVE CHANGES IN ENZYME ACTIVITY AND METABOLIC PATHWAYS IN ADIPOSE TISSUE FROM MEAL-FED RATS,
AD-629 329 6A T 66 08

HANSON, R. W.
INFLUENCE OF PERIODICITY OF EATING ON ADIPOSE TISSUE METABOLISM IN THE RAT,
AD-628 963 6P T 66 08

HARANG, L.
STATISTICS CONCERNING THE APPEARANCE OF ENHANCED VLF-EMISSIONS ON 8 KC/S OBSERVED NEAR THE AURORAL ZONE OVER A TWO-YEAR PERIOD,
AD-628 748 4A T 66 07 HC$ 1.60 MF$ 0.50

HARDACRE, LAWRENCE E.
AGE, YEARS OF SCHOOLING, AND INTELLIGENCE AS PREDICTORS OF MILITARY EFFECTIVENESS FOR NAVAL ENLISTEES.
AD-628 753 5I T 66 07 HC$ 2.00 MF$ 0.50

HARDEBECK, HARRY E.
RADIOMETRIC OBSERVATIONS OF JUPITER AT 430 MC/S,
AD-629 335 3B T 66 08

HARIHARAU, ALLEPPEY V.
PROCESS OF PREPARING THORIUM METAL FROM THE OXIDE.
PATENT 3,219,441 11F U 41 07

HARMAN, THEODORE C.
GALVANO-THERMOMAGNETIC PHENOMENA AND THE FIGURE OF MERIT IN BISMUTH, II. SURVEY OF EXPERIMENTAL DATA AND CALCULATION OF DEVICE PARAMETERS,
AD-628 559 10B T 66 07

HARMAN, WAYNE E.
FORECASTING NORTHERLY WINDS IN NORTHERN AND CENTRAL CALIFORNIA.
PB-169 375 4B U 41 08 HC$ 1.60 MF$ 0.50

HAROLDSEN, R. O.
TERMINAL REPORT FOR THE MARK IV (PLUTON- IUM) LOADING IN EBR-I,
ANL-6865 18I U 41 08 HC$ 3.00 MF$ 0.75

HARPER, S. A.
IMPROVED PULSED PHOSPHORS.
AD-629 162 20C T 66 08 HC$ 4.00 MF$ 0.75

HARPER, W. J.
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

HARRELL, WILLIAM T.
AN IMPROVED FLAME SPECTROPHOTOMETER FOR BIOLOGIC CALCIUM ANALYSIS.
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50

HARRINGTON, E. C.
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

HARRINGTON, J. V.
STUDY OF A RADIO PROBE OF THE EXTENDED SOLAR CORONA.
N66-11752 9A U 41 08 HC$ 1.00 MF$ 0.50

HARRISON, E. R.
EQUATION OF STATE OF MATTER AT SUPERNUCLEAR DENSITY,
N65-35954 20H U 41 07 HC$ 1.00 MF$ 0.50

HARRISON, G. R.
STUDY OF PULSED RADIATION EFFECTS ON MICROWAVE FERRITE DUPLEXERS.
AD-430 130 18H U 41 07 HC$ 2.00

HARRISON, MICHAEL A.
STACK AUTOMATA AND COMPILING.
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75

HARRIS, CHARLES S.
HUMAN PERFORMANCE AS A FUNCTION OF CHANGES IN ACOUSTIC NOISE LEVELS.
AD-628 198 5J T 66 07 HC$ 1.60 MF$ 0.50

HARRIS, CONSTANCE M.
CONDENSATIONS AT THE TERMINAL METHYL GROUP OF 1,3,5-TRIKETONES BY MEANS OF SODAMIDE IN LIQUID AMMONIA,
AD-629 497 7C T 66 08

HARRIS, H. J.
ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00

HARRIS, J. J.
APPARENT-WEIGHT MEASUREMENTS OF ROCKET PAYLOAD AND TEST STRUCTURES.
AD-628 894 21H T 66 08 HC$ 4.60 MF$ 0.50

HARRIS, L. A.
THE FATIGUE AND STATIC PROPERTIES OF BUTT WELDS IN STRUCTURAL STEELS,
AD-628 154 11F T 66 07 MF$ 0.75

FERROUS ARC WELDING. PART II, SELECTED ABSTRACTS FROM THE LITERATURE.
AD-628 284 11F T 66 07 HC$28.70 MF$ 1.50

HARRIS, RICHARD E.
FORTRAN PROGRAMS FOR CRYOGENIC THERMOMETRY.
AD-629 096 9B T 66 08 HC$ 3.00 MF$ 0.75

HARRIS, ROY V.
DRAG CHARACTERISTICS OF A SERIES OF LOW-DRAG BODIES OF REVOLUTION AT MACH NUMBERS FROM 0.6 TO 4.0.
N66-13236 20D U 41 07 HC$ 2.00 MF$ 0.50

HARRIS, THOMAS M.
CONDENSATIONS AT THE TERMINAL METHYL GROUP OF 1,3,5-TRIKETONES BY MEANS OF SODAMIDE IN LIQUID AMMONIA,
AD-629 497 7C T 66 08

HARRITY, J. W.
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50

HARSHBARGER, JOHN H.
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME II. EVALUATION OF TELEVISION SYSTEMS.
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00

HARTENBERGER, R. A.
AN EXAMPLE OF MAXIMUM-LIKELIHOOD FILTERING OF LASA SEISMOGRAMS.
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50

HARTLEY, H. O.
SAMPLING WITH UNEQUAL PROBABILITIES AND WITHOUT REPLACEMENT (EVALUATION OF ASYMPTOTIC VARIANCE FORMULAS).
AD-628 388 12A T 66 07 HC$ 1.60 MF$ 0.50

HARTLEY, JOSEPH H.
LOW-LEVEL, CROSSED-FIELD NOISE STUDY.
AD-629 125 9E T 66 08 HC$ 2.60 MF$ 0.50

HARTMANN, S. R.
PHOTON ECHOES.
AD-629 445 20E T 66 08

HART, J. A.
STUDY OF PULSED RADIATION EFFECTS ON MICROWAVE FERRITE DUPLEXERS.
AD-430 130 18H U 41 07 HC$ 2.00

HART, WILLIAM C.
THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS - PART II.
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50

THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS. PART III.
AD-629 620 9E T 66 08 HC$ 1.60 MF$ 0.50

HARVEY, G. G.
QUARTERLY PROGRESS REPORT NO. 80, GENERAL PHYSICS, PLASMA DYNAMICS AND COMMUNICATION SCIENCES AND ENGINEERING.
AD-628 926 5A T 66 08 HC$27.10 MF$ 1.50

HASSELL, BEVERLY C.
MEASUREMENTS OF THE SPATIAL CORRELATION OF AMBIENT NOISE USING A DEEP-SUBMERGENCE VEHICLE (DIVING SAUCER SP-300).
AD-628 938 20A T 66 08 HC$ 1.00 MF$ 0.50

HATCHER, R. L.
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XN-47) /U PRODUCTION ENGINEERING MEASURE.
AD-628 337 9A T 66 07 HC$ 2.00 MF$ 0.50

HATTERSLEY-SMITH, G.
ON THE OCEANOGRAPHY OF THE NANSEN SOUND FIORD SYSTEM,
AD-628 145 8J T 66 07

HAUBRICH, RICHARD A.
EARTH NOISE, 5 TO 500 MILLICYCLES PER SECOND. 2. REACTION OF THE EARTH TO OCEANS AND ATMOSPHERE,
AD-628 829 8K T 66 07

HAUG, P.
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT,
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

HAUSER, CHARLES R.
CONDENSATIONS AT THE TERMINAL METHYL GROUP OF 1,3,5-TRIKETONES BY MEANS OF SODAMIDE IN LIQUID AMMONIA.
AD-629 497 7C T 66 08

HAUSER, WALTER
A STUDY OF THE EFFECTS OF CRYSTALLINE ELECTRIC FIELDS ON FERROMAGNETS.
AD-629 018 20C T 66 08 HC$ 1.00 MF$ 0.50

HAUSNER, ARTHUR
TABLES OF BEST TCHEBYCHEFF APPROXIMANTS FOR TIME-DELAY SIMULATION.
AD-628 219 12B T 66 07 HC$ 2.00 MF$ 0.50

HAWKES, GLENN R.
SYMPOSIUM ON CUTANEOUS SENSITIVITY, 11-13 FEBRUARY 1960.
PB-169 173 5J U 41 07 HC$ 5.00 MF$ 1.00

HAWKINS, STEWART DE WITT
DOD PROGRAMMING SYSTEM. AN EXPLANATION AND EVALUATION.
AD-628 101 5A T 66 07 HC$16.00 MF$ 1.00

HAYAKAWA, SATIO
MEASUREMENT OF THE EXCITATION FUNCTION OF N(2+) FIRST NEGATIVE BANDS BY ELECTRON IMPACT.
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50

HAYDUK, ROBERT J.
DAMPING CHARACTERISTICS OF BUILT-UP CANTILEVER BEAMS IN A VACUUM ENVIRONMENT.
N65-36774 20K U 41 07 HC$ 2.00 MF$ 0.50

HAYES, E. NELSON
THE SMITHSONIAN'S SATELLITE-TRACKING PROGRAM: ITS HISTORY AND ORGANIZATION, PART 3.
AD-628 466 17H T 66 07

HAYES, J. R.
INJURY MECHANISM OF INTERNAL ORGANS OF ANIMALS EXPOSED TO SINUSOIDAL VIBRATION.
AD-628 949 6S T 66 08

HAYES, RAYMOND
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-427 895 9A U 41 07 HC$ 3.00

AD-437 141 9A U 41 07 HC$ 3.00

HAYES, WARREN D.
PROCEDURES FOR PRECISE DETERMINATION OF THERMAL RADIATION PROPERTIES, NOVEMBER 1963 TO OCTOBER 1964.
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75

HAYNOS, J. G.
INVESTIGATION OF RESINOUS MATERIALS FOR USE AS SOLAR CELL COVER GLASS ADHESIVE.
N66-11228 11A U 41 08 HC$ 1.00 MF$ 0.50

HAY, DONALD R.
REFRACTOMETER RESPONSE TO A HUMID ENVIRONMENT.
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75

HAZEL, JOE T.
OFFICER GRADE REQUIREMENTS PROJECT. II. JOB DESCRIPTIONS, SAMPLE SELECTION, AND CRITERION BOARD.
AD-629 575 5I T 66 08 HC$ 4.60 MF$ 0.50

HEANEY, J. B.
A COMPARISON OF TWO EMITTANCE MEASUREMENT TECHNIQUES.
N66-10687 20M U 41 08 HC$ 1.00 MF$ 0.50

HEARD, WALTER L.
SUPERSONIC FLUTTER OF A THERMALLY STRESSED FLAT PANEL WITH UNIFORM EDGE LOADS.
N65-35958 1A U 41 07 HC$ 1.00 MF$ 0.50

HEATH, D. F.
EFFECTS OF A SIMULATED HIGH ENERGY ELECTRON SPACE ENVIRONMENT ON THE ULTRA- VIOLET TRANSMITTANCE OF OPTICAL MATERIALS BETWEEN 1050 AND 3000 A.
N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50

HEATH, G. ROSS
SUBBOTTOM PROFILE OF ABYSSAL SEDIMENTS IN THE CENTRAL EQUATORIAL PACIFIC.
AD-628 966 8J T 66 08

HEATH, W. S.
ELECTRONICALLY STEERABLE ARRAY.
AD-629 543 9E T 66 08 HC$ 4.60 MF$ 0.50

HEDBERG, KENNETH
STRUCTURES AND DYNAMICS OF MOLECULES BY ELECTRON DIFFRACTION.
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50

HEDBERG, LISE
STRUCTURES AND DYNAMICS OF MOLECULES BY ELECTRON DIFFRACTION.
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50

HEHARI, ZEEV
A GEOMETRIC PROPERTY OF THE TWO-DIMENSIONAL HARMONIC GREEN'S FUNCTION.
AD-628 411 12A T 66 07

HEIDENREICH, PAUL
HIGH POWER VARACTOR FOR UHF TRANSMISSION.
AD-628 131 9A T 66 07 HC$ 3.00 MF$ 0.75

HEILPORN-POHL, V.
EFFETS DE L (ACIDE ALPHA-LIPOIQUE SUR LE METABOLISME DES ACIDES NUCLEIQUES CHEZ LES EMBRYONS DE BATRACIENS ET DE POULET (EFFECTS OF ALPHA-LIPOIC ACID ON NUCLEIC ACID METABOLISM IN AMPHIBIAN AND CHICKEN EMBRYOS).
AD-629 462 6C T 66 08

HEIL, OSKAR
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-401 050 9A U 41 07 HC$ 2.00

AD-408 398 9A U 41 07 HC$ 3.00

AD-421 001 9A U 41 07 HC$ 2.00

HEIMDAL, P.
INPUT OPERATIONAL AMPLIFIER.
AD-629 389 9E T 66 08 HC$ 1.00 MF$ 0.50

HEINICK, R.
DIRECTIONAL GLIDE-SLOPE ANTENNA SYSTEM.
PB-169 196 17G U 41 07 HC$ 2.00 MF$ 0.50

HEIN, R. A.
ENTHALPY AND THERMAL EXPANSION OF SEVERAL REFRACTORY METALS TO 2500 DEGREE C.
GE-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50

HEISE, B. H.
PRODUCTION ENGINEERING MEASURE FOR RUBY LASER RODS.
AD-629 170 20E T 66 08 HC$ 1.60 MF$ 0.50

HELLERSTEIN, S.
SUBFIELDS THAT ARE ALGEBRAICALLY CLOSED IN THE FIELD OF ALL MEROMORPHIC FUNCTIONS.
AD-629 687 12A T 66 08

HELPERN, J. W.
KINETICS OF THE TRIPLET STATE.
AD-628 571 7D T 66 07 HC$ 3.60 MF$ 0.50

HELVEY, T. C.
CONFERENCE ON NUTRITION IN SPACE AND RELATED WASTE PROBLEMS.
N65-18566 6K U 41 07 MF$ 2.00

HELWIG, ELSON B.
ANO-RECTAL MELANOMA.
AD-628 238 6E T 66 07

CUTANEOUS FOCAL MUCINOSIS.
AD-629 340 6E T 66 08

HEMP, GENE W.
NONLINEAR OSCILLATIONS OF A GYROSCOPIC PENDULUM WITH AN OSCILLATING POINT OF SUSPENSION.
AD-629 568 20K T 66 08

HENDERSON, G.
A HIGH ALTITUDE MEASUREMENT TO DETERMINE THE RATIO OF DEUTERIUM TO HYDROGEN IN THE SOLAR ATMOSPHERE.
N66-12863 3B U 41 08 HC$ 1.00 MF$ 0.50

HENDERSON, JAMES N.
METHODS OF OXYGEN-PROOFING OF POLYETHYLENES.
PATENT 3,219,653 11I U 41 07

HENDRICKSON, ARTHUR H.
DIRECT COUPLED LOGIC CIRCUIT.
PATENT 3,218,470 9A U 41 07

HENDRICKSON, C. G.
EXCITATION OF THE 2P LEVEL IN LITHIUM BY ELECTRON IMPACT.
AD-628 427 7D T 66 07

HENDRICKSON, G.
ON THE MODE OF UPLIFT OF THE FISH AND FOSSILIFEROUS MORAINES OF THE MCMURDO ICE SHELF, ANTARCTICA.
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50

HENDRICKS, C. D.
AN APPARATUS TO STUDY THE COLLISION AND COALESCENCE OF LIQUID AEROSOLS.
AD-628 451 13G T 66 07

HENKE, BURTON L.
SOME NOTES ON ULTRASOFT X-RAY FLUORESCENCE ANALYSIS, 10 TO 100 A REGION.
AD-628 745 20F T 66 07

HENKE, B. L.
OXYGEN DETERMINATIONS IN SILICATES AND TOTAL MAJOR ELEMENTAL ANALYSIS OF ROCKS BY SOFT X-RAY SPECTROMETRY.
AD-629 074 8G T 66 08

HENNIGAN, T. J.
SEPARATOR MATERIALS FOR SILVER OXIDE ZINC AND SILVER OXIDE CADMIUM ELECTROCHEMICAL CELLS.
N66-11220 10C U 41 08 HC$ 2.00 MF$ 0.50

HENRY, HUGH E.
ISOLATING AMERICIUM AND CURIUM FROM AL(NO3)3-NANO3-NO3 SOLUTIONS BY BATCH EXTRACTION WITH TRIBUTYL PHOSPHATE.
DP-972 7E U 41 08 HC$ 1.00 MF$ 0.50

HENRY, WALTER K.
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

HERBICH, JOHN B.

EFFECT OF IMPELLER DESIGN CHANGES ON CHARACTERISTICS OF A MODEL DREDGE PUMP.
AD-629 012 13K T 66 08 HC$22.00 MF$ 1.25

HEREFORD, RANK L.
RECOMBINATION LUMINESCENCE IN THE SCINTILLATION OF NORMAL AND SUPERFLUID LIQUID HELIUM.
AD-628 657 20F T 66 07

HERMANCE, CLARKE E.
IGNITION OF AN EVAPORATING FUEL IN A HOT OXIDIZING GAS, INCLUDING THE EFFECT OF HEAT FEEDBACK.
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50

HERMANN, RUDOLF
INVISCID HIGH TEMPERATURE HYPERSONIC FLOW OF AIR PAST POINTED BODIES OF REVOLUTION.
AD-467 786 20D U 41 08 HC$ 2.00 MF$ 0.50

HERMAN, CARLTON M.
EPIZOOTIOLOGIC STUDIES ON FILARIOIDS OF THE RACCOON.
AD-628 476 6C T 66 07

HERNANDEZ, G. J.
NIGHTGLOW 5577 A (OI) LIKE KINETIC TEMPERATURES.
AD-628 799 4A T 66 07

HERRICK, ROBERT M.
QUANTITATIVE RELATIONS AMONG MEASURES OF BEHAVIOR UNDER A FIXED-INTERVAL SCHEDULE OF REINFORCEMENT.
AD-628 149 5J T 66 07 HC$ 1.60 MF$ 0.50

PSYCHOPHYSICAL METHODOLOGY I. COMPARISON OF THRESHOLDS OF THE METHOD OF LIMITS AND OF THE METHOD OF CONSTANT STIMULI.
AD-628 994 5J T 66 08 HC$ 1.60 MF$ 0.50

PSYCHOPHYSICAL METHODOLOGY II. COMPARISON OF MEANS AND OF STANDARD DEVIATIONS OF THE ASCENDING AND DESCENDING METHOD OF LIMITS.
AD-628 995 5J T 66 08 HC$ 1.60 MF$ 0.50

HERRMANN, GEORGE
VIBRATION OF THIN SHELLS UNDER INITIAL STRESS.
AD-628 736 20K T 66 07

BUCKLING OF A LONG CYLINDRICAL SHELL SURROUNDED BY AN ELASTIC MEDIUM.
AD-628 738 20K T 66 07

HERRMANN, G.
RESPONSE OF A SUBMERGED CYLINDRICAL SHELL TO AN AXIALLY PROPAGATING STEP WAVE.
AD-628 653 20K T 66 07

BUCKLING OF A LONG CYLINDRICAL SHELL CONTAINING AN ELASTIC CORE.
AD-628 702 20K T 66 07

HERRNEGGER, F.
GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

HERSCH, M. JOSEPH
ANALYSE MATHEMATIQUE. EVALUATION PAR DEFAUT DE TOUTES LES FREQUENCES PROPRES D'UNE MEMBRANE A L'AIDE DE COUPURES CHARGEES (SOLUTION BY PERTURBATION OF ALL THE MAIN FREQUENCIES OF A MEMBRANE BY THE METHOD OF LOADED SECTIONS).
AD-629 373 20K T 66 08

HERTEL, G. R.
RARE GAS ION REACTIONS WITH AMMONIA.
AD-629 378 7E T 66 08

HERZIG, HOWARD
SELECTIVE ELECTROPLATING OF ETCHED CIRCUITS.
N66-10318 9A U 41 07 HC$ 1.00 MF$ 0.50

HICKERNELL, F. S.
ACTIVE ACOUSTIC DEVICES.
AD-628 450 9A T 66 07 HC$ 3.00 MF$ 0.75

HICKEY, ALBERT E.
COMPUTER-ASSISTED INSTRUCTION: A SURVEY OF THE LITERATURE.
AD-628 953 5I T 66 08 HC$ 2.00 MF$ 0.50

HICKMOTT, J.
A PHOSPHOR-BELT DISPLAY SYSTEM FOR PROVIDING AN ENDLESS RASTER LINE SCAN.
AD-265 898 17B U 41 08 HC$ 1.00

HICKOK, ROBERT L.
PLASMA DENSITY BY ION BEAM PROBING: DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

HIGGINS, CHARLES G.
CAUSES OF RELATIVE SEA-LEVEL CHANGES.
AD-628 573 8C T 66 07

HIGGINS, C. G.
GREECE, A SKETCH FOR GEOLOGISTS.
AD-628 644 8G T 66 07

HILLIER, FREDERICK S.
FINITE QUEUES IN SERIES WITH EXPONENTIAL OR ERLANG SERVICE TIMES.
AD-629 308 12B T 66 08 HC$ 3.60 MF$ 0.50

HILLIER, F. S.
R CHART CONTROL LIMITS BASED ON A SMALL NUMBER OF SUBGROUPS.
N66-10653 12A U 41 08 HC$ 1.00 MF$ 0.50

HILLS, NORMAN L.
SEMI-INFINITE DIFFRACTION GRATINGS. II. INWARD RESONANCE.
AD-628 647 20F T 66 07

HILLS, THEO L.
SAVANNAS: A REVIEW OF A MAJOR RESEARCH PROBLEM IN TROPICAL GEOGRAPHY. THE INTERIOR OF BRITISH GUIANA AND THE MYTH OF EL DORADO.
AD-629 402 8F T 66 08

HILL, J. E.
AURORAL HEIGHTS OVER CHURCHILL, MANITOBA, DURING INTERNATIONAL QUIET SOLAR YEAR.
AD-629 318 4A T 66 08

HILL, J. H.
FLASHBLINDNESS: THE EFFECTS OF PREFLASH ADAPTATION AND PUPIL SIZE.
AD-629 589 6P T 66 08 HC$ 1.00 MF$ 0.50

HILL, MARION E.
PREPARATION OF ESTERS THROUGH THE USE OF FRIEDEL-CRAFTS CATALYSTS.
PATENT 3,223,725 7C U 41 08

HILTON, HERBERT
SQUARE ROOT SUBROUTINES.
AD-629 327 9B T 66 08 HC$ 1.60 MF$ 0.50

HILTZ, R.
STRAIN-ENHANCED DIFFUSION OF CARBON IN STAINLESS STEEL.
MSAR-65-89 11F U 41 07 HC$ 1.00 MF$ 0.50

HIMMELSTEIN, P.
DEVELOPMENT OF PROCESSES FOR THE PREPARATION OF URANIUM CARBIDES AS WELL AS CERMETS ON A UC BASE.
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75

HINE, CHARLES H.
RESEARCH ON THERAPY OF PULMONARY EDEMA ASSOCIATED WITH OXIDIZERS.
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50

HINGLEY, C. G.
A BASIC STUDY OF THE SLIDING CONTACTS IN ROLLING BEARINGS.
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50

HINNENKAMP, FRANK
RANDOM ACCESS CONTROL OF ELECTROLUMINESCENT ELEMENTS.
AD-628 886 9C T 66 08 HC$ 7.60 MF$ 0.75

HINRICHSEN, P. F.
PROPERTIES OF THE STATE IN P31 AT 7.14 MEV.
AD-628 882 20H T 66 07

HINTZ, E.
EXPERIMENTAL STUDY OF SHOCK WAVE FORMATION IN AN ALMOST COLLISIONFREE PLASMA.
AD-629 358 20I T 66 08

HIRSCHFELDER, JOSEPH O.
APPROXIMATION OF EXPECTATION VALUES.
AD-628 482 7D T 66 07

HIRSCHFELDER, JOSEPH O.
DIRECT CALCULATION OF CONTRIBUTIONS TO THE SECOND-ORDER ENERGY OF HELIUM.
AD-628 481 7D T 66 07

DETERMINATION OF INTERMOLECULAR FORCES.
AD-628 483 7D T 66 07

HIRSCHFELDER, J. O.
IMPROVEMENT OF UNCOUPLED HARTREE-FOCK EXPECTATION VALUES FOR PHYSICAL PROPERTIES.
N66-11749 20J U 41 08 HC$ 1.00 MF$ 0.50

HIRSCH, A. A.
NUCLEAR RESONANCE IN SHEETS AND POWDERS OF COBALT.
AD-629 255 7D T 66 08

HIRSCH, WERNER Z.
TOWARD FEDERAL PROGRAM BUDGETING.
AD-628 095 5C T 66 07 HC$ 2.60 MF$ 0.50

HIRSHFELD, M. A.
NEW DETERMINATION OF THE STRENGTH OF THE V3 BAND OF WATER VAPOR FORM DISPERSION MEASUREMENTS.
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50

HITCHCOCK, R. D.
SUBMARINE ILLUMINATION AND TELEVISION IN HARBOR WATER.
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75

HIXSON, W. CARROLL
THE DEVELOPMENT AND STANDARDIZATION OF A GROUP TEST FOR CRITICAL FLICKER FREQUENCY.
AD-468 341 5J U 41 08 HC$ 1.00 MF$ 0.50

HOANG, PATRICIA R.
A MINE SWEEPER COMPUTER SIMULATION.
AD-629 351 15B T 66 08 HC$ 5.60 MF$ 0.75

HOBART, E. W.
GENERAL METHOD FOR ANALYZING REFRACTORY METAL ALLOYS USING THE VACUUM CUP ELECTRODE.
TIM-904 7D U 41 08 HC$ 2.00 MF$ 0.50

HOCHMAN, H.
SCREENING OF CHEMICAL TOXICITY TO MARINE BORERS.

AD-629 707 6T T 66 08 HC$ 4.00 MF$ 0.75

HOCH, MICHAEL
MATERIALS ANALYTICAL RESEARCH.
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50

HOCKMAN, HARRY
EXPERIMENTAL WOOD PILING TREATMENTS FY-64,
AD-456 491 11L U 41 07 HC$ 1.00

HODGSON, J. N.
SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME II. MOLECULAR PUMP.
N65-17271 18N U 41 07 HC$ 4.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME IV. INTEGRATED SEAL SIMULATOR.
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50

HOEFER, JOHN J.
APPLICATION OF PUNCHED CARD TECHNIQUES FOR OPTIMIZING RELIABILITY,
BDX-613-1 9B U 41 07 HC$ 1.00 MF$ 0.50

HOEHN, ARTHUR J.
THE DEVELOPMENT OF TRAINING PROGRAMS FOR FIRST ENLISTMENT PERSONNEL IN ELECTRONICS MAINTENANCE MOS'S. IV. HOW TO DESIGN TRAIN- ING METHODS AND MATERIALS.
AD-628 168 5I T 66 07 HC$ 6.60 MF$ 0.75

HOEHN, WILLIAM E.
IS THE MARBLE CANYON PROJECT ECONOMICALLY JUSTIFIED,
AD-629 447 10B T 66 08 HC$ 2.60 MF$ 0.50

HOELMER, WERNER
EXPERIMENTAL DETERMINATION OF PRESSURE DISTRIBUTION OVER SLENDER CONES AT ANGLES OF ATTACK AT MACH 14.
AD-628 549 20D T 66 07 HC$ 4.60 MF$ 0.50

HOELTJE, H. C.
FERROUS ARC WELDING. PART II, SELECTED ABSTRACTS FROM THE LITERATURE.
AD-628 284 11F T 66 07 HC$28.70 MF$ 1.50

HOFER, G.
DIE KOBALTREICHEN LEGIERUNGEN IM DREISTOFFSYSTEM KOBALT-ANTIMON-BOR,
AD-628 646 11F T 66 07

HOFFMANN, WILLIAM W.
PRESYNAPTIC EFFECTS OF POTASSIUM ION ON THE MAMMALIAN NEUROMUSCULAR JUNCTION,
AD-628 266 6P T 66 07

HOFFMAN, C. R.
ICE CONSTRUCTION: SURVEY OF EQUIPMENT FOR FLOODING.
AD-628 548 13B T 66 07 HC$ 2.00 MF$ 0.50

HOFFMAN, D. J.
ROCKET INSTRUMENTATION FOR THE MEASUREMENT OF D-REGION ELECTRON DENSITY AND COLLISION FREQUENCIES.
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50

HOFFMAN, E. E.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT.
N66-12126 14D U 41 08 HC$ 4.00 MF$ 0.75

HOFFMAN, J.
ELECTRON COLLISION FREQUENCY VERSUS CHARGED PARTICLE SEEDING,
AD-628 777 20I T 66 07 HC$ 2.60 MF$ 0.50

HOFF, NICHOLAS J.
QUELQUES NOUVEAUX RESULTATS DE RECHERCHES SUR LE FLAMBAGE DES COQUES CYLINDRIQUES (SOME NEW RESULTS FROM RESEARCH ON THE BUCKLING OF CYLINDRICAL SHELLS),
AD-628 925 20K T 66 08 HC$ 5.60 MF$ 0.50

A NEW SOLUTION OF THE BUCKLING PROBLEM OF THIN CIRCULAR CYLINDRICAL SHELLS HEATED ALONG AN AXIAL STRIP.
AD-629 579 20K T 66 08 HC$ 3.60 MF$ 0.50

HOFMANN, P. L.
PHOENIX FUEL PROGRAM PROGRESS REPORT, FY-1965,
BNWL-152 18I U 41 08 HC$ 2.00 MF$ 0.50

HOGAN, M. A.
GAMMA-RAY ENERGY PSEUDOSPECTRA FOR U235 FISSION PRODUCTS AND FOR VARIOUS TIMES AFTER FISSION,
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75

HOGLUND, R. F.
STUDY OF RECIRCULATING GAS FLOW FIELDS IN THE BASE REGION OF SATURN-CLASS VEHICLES.
N66-10888 20D U 41 08 HC$ 3.00 MF$ 0.75

HOHENBERG, P. C.
MICROSCOPIC THEORY OF SUPERFLUID HELIUM,
AD-628 293 20J T 66 07

HOIDALE, GLENN B.
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART III. A METHOD OF EXPERIMENTALLY DERIVING TRANSMISSIVITY,
AD-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50

HOLANDA, RAYMOND
EVALUATION OF A VOLUME-RATIO CALIBRATION SYSTEM FOR VACUUM GAGES FROM 0.000001 TO 0.001 TORR.
N66-10336 14B U 41 07 HC$ 1.00 MF$ 0.50

HOLEMAN, ERNEST
TIME AND ALTITUDE DEPENDENCE OF 55-MEV TRAPPED PROTONS, AUGUST 1961 TO JUNE 1964.
AD-629 119 4A T 66 08

HOLESKI, DONALD E.
APPARATUS FOR ABSORBING AND MEASURING POWER.
PATENT 3,221,547 10A U 41 07

HOLLAND, C. W.
ATTENUATION OF SINUSOIDAL PERTURBATIONS SUPERIMPOSED ON LAMINAR FLOW OF A LIQUID IN A LONG LINE,
N66-10335 20D U 41 08 HC$ 1.00 MF$ 0.50

HOLLAND, H. D.
THE SOLUBILITY OF CALCITE IN AQUEOUS SOLUTIONS. I. THE SOLUBILITY OF CALCITE IN WATER BETWEEN 75 DEGREES AND 200 DEGREES AT C02 PRESSURES UP TO 60 ATM.
PB-169 138 8D U 41 07 HC$ 3.00 MF$ 0.50

HOLMEN, MILTON G.
THE MANAGEMENT OF PROGRAMMED RESEARCH,
AD-629 268 5A T 66 08 HC$ 1.00 MF$ 0.50

HOLMES, C. L.
PRODUCTION ENGINEERING MEASURE FOR SUBMINIATURE, TRANSISTOR TYPE POTENTIOMETERS.
AD-628 280 14B T 66 07 HC$ 1.00 MF$ 0.50

HOLMES, ROBERT D.
REINFORCED PLASTIC LANDING GEAR FOR UH-1 HELICOPTER.
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00

HOLONYAK, N.
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS,
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50

AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

HOLT, E. H.
A MICROWAVE LENS SYSTEM FOR PLASMA DIAGNOSTICS,
N65-35961 20I U 41 07 HC$ 1.00 MF$ 0.50

HOLT, RICHARD J.
CHARACTERISTICS AND PROPERTIES OF EXTREME SEISMIC EVENTS.
AD-629 088 8K T 66 08 HC$ 4.00 MF$ 1.00

HOLT, R. B.
DATA REDUCTION OF CHEMICAL RELEASES IN THE UPPER ATMOSPHERE OF LOW-INTENSITY OPTICAL EMISSIONS CAUSED BY THE RELEASES AND DESIGN AND DEVELOPMENT OF PAYLOADS TO PRODUCE LUMINARY TRAIL AND POINT RELEASES AT ALTITUDES ABOVE 80 KM.
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50

HOLZBERLEIN, T. M.
LIFETIME STUDIES OF THE RADIATIVE DISSOCIATION OF EXCITED H2,
AD-628 348 7D T 66 07

HONIG, JURGEN M.
GALVANO-THERMOMAGNETIC PHENOMENA AND THE FIGURE OF MERIT IN BISMUTH, II. SURVEY OF EXPERIMENTAL DATA AND CALCULATION OF DEVICE PARAMETERS,
AD-628 559 10B T 66 07

HONNELL, M. A.
RADIO FREQUENCY SYSTEMS. MILLIMETER WAVES STUDY.
N66-10618 9F U 41 08 HC$ 2.00 MF$ 0.50

HONZAWA, TADAO
NEGATIVE CONDUCTIVITY IN PARTIALLY IONIZED GASES.
PB-169 191 20I U 41 08 HC$ 1.00 MF$ 0.50

HOOD, PAUL D.
LEADERSHIP CLIMATE FOR TRAINEE LEADERS: THE ARMY AIT PLATOON.
AD-628 962 5I T 66 08 HC$ 3.00 MF$ 0.75

HOOPER, J. O.
MICROWAVE RADIOMETRY AND THE NOLC X-BAND RADIOMETER PROGRAM,
AD-629 722 17I T 66 08 HC$ 2.00 MF$ 0.50

HOORY, S.
3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM,
AD-629 233 3B T 66 08

HOPKINS, GEORGE H.
AN INVESTIGATION OF THE MAGNETOTELLURIC METHOD FOR DETERMINING SUBSURFACE RESISTIVITIES,
AD-629 071 8G T 66 08 HC$ 4.00 MF$ 0.75

HOPPE, W.
PRODUCTION OF U02 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

PRODUCTION OF U02 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

HOPPMANN II, W. H.
TWIST MODULUS FOR A 6-CONSTANT CENTRO-SYMMETRIC CUBIC CRYSTAL,
AD-629 734 20B T 66 08 HC$ 1.00 MF$ 0.50

HOPPS, HOWARD C.
A REPORT ON THE AMERICAN REGISTRY OF GEOGRAPHIC PATHOLOGY,
AD-629 313 6E T 66 08

HOQUE, A. M.

MODULES (INTEGRATED CIRCUITS) FOR COMMUNICATIONS.
AD-628 117 9E T 66 07 HC$ 4.60 MF$ 0.50

HORDON, M. J.
STUDY OF THE MECHANISM OF ATMOSPHERIC INTERACTION WITH THE FATIGUE OF METALS.
N66-11747 11F U 41 08 HC$ 3.00 MF$ 0.75

HOREN, DANIEL J.
LEVELS OF SR85 POPULATED IN THE DECAY OF Y85 AND Y85M,
AD-629 576 18H T 66 08 HC$ 4.60 MF$ 0.50

HORNBACK, C. E.
TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS,
AD-629 365 18C T 66 08

HORNE, R. A.
THE MECHANISM OF PROTON TRANSPORT IN AQUEOUS SOLUTIONS.
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50

HORN, DENNIS D.
PROPERTY INVESTIGATION OF COPPER BASE ALLOYS AT AMBIENT AND ELEVATED TEMPERATURES,
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50

HORSWILL, E. C.
THE OXIDATION OF PHENOLS. I. THE OXIDATION OF 2,6-DI-T-BUTYL-4-METHYLPHENOL, 2,6-DI-TBUTYLPHENOL, AND 2,6-DIMETHYLPHENOL WITH PEROXY RADICALS,
AD-629 746 7C T 66 08

HORTON, K. E.
INVESTIGATION OF THERMAL-STRESS-FATIGUE BEHAVIOR OF STAINLESS STEELS.
ATL-A-143 11F U 41 07 HC$ 1.00 MF$ 0.50

ATL-A-144 11F U 41 07 HC$ 4.00 MF$ 1.00

HORWITZ, JOSE
CROSSCULTURAL DEFINITIONS FOR EPIDEMIOLOGICAL STUDIES IN MENTAL HEALTH.
AD-629 016 5J T 66 08 HC$ 1.60 MF$ 0.50

HOUBOLT, JOHN C.
COMMUNICATION PROBABILITIES FOR ORDERLYSPACED SATELLITES.
N66-10317 17B U 41 07 HC$ 2.00 MF$ 0.50

HOUIDOBRE, R. A.
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME II. ANALYTICAL AND EXPERIMENTAL PLASTIC STRAIN PROFILES IN HIGH VELOCITY IMPACT.
AD-628 977 11F T 66 08 HC$11.60 MF$ 0.75

HOUSLEY, R. M.
INTERNAL CONVERSION IN FE57 FROM THE MOSSBAUER EFFECT IN IRON,
AD-628 824 20H T 66 07

MEAN-SQUARE NUCLEAR DISPLACEMENT OF FE57 IN ZN FROM THE MOSSBAUER EFFECT,
AD-628 825 20H T 66 07

HOUSTON, JACK E.
PHOTOELECTRONIC ANALYSIS OF IMPERFECTIONS IN GROWN STANNIC OXIDE SINGLE CRYSTALS,
AD-628 643 20B T 66 07

HOVEY, JOHN M.
BI-STABLE CIRCUIT FOR GATING AND LOGIC EMPLOYING TUNNEL DIODES.
PATENT 3,218,465 9A U 41 07

HOWELL, JOHN H.
METHOD FOR CONTROLLING PETROMYZON MARINUS.
PATENT 3,219,521 6F U 41 07

HOWELL, J. R.
ANALYSIS OF THE EFFECT OF A SEEDED PROPELLANT LAYER ON THERMAL RADIATION IN THE NOZZLE OF A GASEOUS-CORE NUCLEAR PROPULSION SYSTEM,
N66-12139 21F U 41 08 HC$ 1.00 MF$ 0.50

CRITICAL HEAT FLUX FOR SATURATED POOL BOILING FROM HORIZONTAL AND VERTICAL WIRES IN REDUCED GRAVITY,
N66-12141 20M U 41 08 HC$ 1.00 MF$ 0.50

HOWLAND, G. R.
PNEUMATIC NUTATOR ACTUATOR MOTOR.
N66-12149 13G U 41 08 HC$ 4.00 MF$ 1.00

HOYT, H. E.
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION.
N66-12870 10C U 41 08 HC$ 2.00 MF$ 0.50

HOYT, H. L.
SOME FABRICATION TECHNIQUES OF SPECTRAL LAMPS AND GAS ABSORPTION CELLS FOR RUBIDIUM MAGNETOMETERS,
N66-11200 14B U 41 08 HC$ 1.00 MF$ 0.50

HROMADIK, J. J.
ECCENTRICALLY LOADED LONG PILES.
AD-628 996 13M T 66 08 HC$11.60 MF$ 0.75

HSU, H.
STIMULATED BRILLOUIN SCATTERING IN ANISOTROPIC MEDIA AND OBSERVATION OF PHONONS,
AD-466 176 20E U 41 08 HC$ 1.00 MF$ 0.50

HSU, H. W.
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM,
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

HUANG, CHIN-HUA
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

HUANG, JEANETTE T. H.
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

HUANG, K. P.
AN INVESTIGATION OF PROPELLER SLIPSTREAM EFFECTS ON V/STOL AIRCRAFT PERFORMANCE AND STABILITY.
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00

HUBAY, CHARLES A.
STUDIES OF THE IMMUNOLOGICAL FACTORS INVOLVED IN HOMOLOGOUS TISSUE TRANSPLANTATION.
AD-628 857 6E T 66 07 HC$ 3.00 MF$ 0.75

HUBBARD, B. E.
A FINITE DIFFERENCE ANALOG OF THE NEUMANN PROBLEM FOR POISSON'S EQUATION.
AD-629 528 12A T 66 08

HUBER, F.
HIGH PERFORMANCE THIN FILMS FOR MICROCIRCUITS (CAPACITORS).
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50

HUDGINS, HENRY E.
SUPERSONIC FLOW ABOUT RIGHT CIRCULAR CONES AT ZERO YAW IN AIR AT THERMODYNAMIC EQUILIBRIUM. PART II. TABLES OF DATA.
AD-628 539 20D T 66 07 HC$11.25 MF$ 3.00

HUDSON, C. MICHAEL
FATIGUE-CRACK PROPAGATION AND RESIDUAL STATIC STRENGTH OF PH 15-7 MO (TH 1050) STAINLESS STEEL.
N66-13231 11F U 41 07 HC$ 2.00 MF$ 0.50

HUEBSCH, WILLIAM
THE DEPENDENCE OF THE SCHOENFLIES EXTENSION ON AN ACCESSORY PARAMETER (THE TOPOLOGICAL CASE),
AD-628 392 12A T 66 07

HUETTER, T.
ON THE ANALYSIS OF K AND ETA INTO PI DECAY SPECTRA.
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50

HUFFMAN, R. E.
RARE GAS CONTINUUM LIGHT SOURCES FOR PHOTOELECTRIC SCANNING IN THE VACUUM ULTRAVIOLET.
AD-629 710 20F T 66 08

HUFF, HOWARD
FIELD EFFECT MEASUREMENTS ON THE A AND B (111) SURFACES OF INDIUM ANTIMONIDE.
AD-629 200 20L T 66 08 HC$ 1.60 MF$ 0.50

HUFF, J. R.
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT.
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

HUGGINS, R. A.
INFLUENCE OF AUTOLOGOUS AND HOMOLOGOUS BLOOD EXCHANGE ON THE BLEEDING VOLUME OF DOGS,
AD-628 723 6E T 66 07

HUGHES, E. J.
IRON SINGLE CRYSTAL PREPARATION. PART I. THE PREPARATION OF THE CRYSTALS AND A STUDY OF THEIR MECHANICAL AND ELECTRICAL PROPERTIES AT LOW TEMPERATURES. PART II. SOME EXPERIMENTS ON THE USE OF THE ELECTROTRANSPORT PHENOMENON FOR THE FURTHER PURIFICATION OF ELECTRON BEAM ZONE-REFIN.
MRC-489-PTS-1-2 20L U 41 07 HC$ 3.00 MF$ 0.75

HUGHES, G. W.
RETINAL GANGLION CELL ACTIVITY IN CATS DURING DARK ADAPTATION,
AD-628 352 6P T 66 07

ON THE ORIGIN OF THE DARK DISCHARGE OF RETINAL GANGLION CELLS,
AD-628 354 6P T 66 07

HUGHES, LAWRENCE A.
ON THE PROBABILITY FORECASTING OF THE OCCURRENCE OF PRECIPITATION.
PB-169 246 4B U 41 07 HC$ 2.00 MF$ 0.50

HUGHES, R. H.
EXCITATION OF THE 2P LEVEL IN LITHIUM BY ELECTRON IMPACT,
AD-628 427 7D T 66 07

RADIATIVE LIFETIMES AND EXCITATION MECHANISMS IN HELIUM,
AD-629 540 20J T 66 08

DEPENDENCE ON MAGNETIC FIELD OF POLARIZA- TION OF RADIATION FROM ELECTRON-HELIUM COLLISION,
AD-629 541 20J T 66 08

HULL, G. W.
SOME NEW SUPERCONDUCTING COMPOUNDS,
AD-628 822 20L T 66 07

SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

HULL, M. H.
EFFECTIVE INTERACTIONS IN FINITE NUCLEI,
AD-629 703 20H T 66 08

HUMES, DONALD H.
INFLUENCE OF THE BUMPER AND MAIN WALL MATERIAL ON THE EFFECTIVENESS OF SINGLE METEOROID BUMPERS.
N66-10604 22B U 41 07 HC$ 2.00 MF$ 0.50

HUMPHERYS, ALLAN S.
AUTOMATIC IRRIGATION GATE.
PATENT 3,217,497 13K U 41 07

HUNG, J. C.
DOUBLE-RECEPTION DISCRETE DATA OPTIMUM CONTINUOUS SIGNAL RECOVERY.
N65-17278 9F U 41 07 HC$ 2.00 MF$ 0.50

HUNTER, D. H.
ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XIII. STEREOCHEMICAL STABILITY OF ALLYLIC AND VINYL ANIONS,
AD-629 641 7C T 66 08

HUNTLEY, W. R.
SNAP-8 CORROSION PROGRAM SUMMARY REPORT,
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25

HUNT, RONALD D.
HISTOPATHOLOGY OF MICE FED IRRADIATED FOODS,
AD-629 418 6E T 66 08

HUPP, DOROTHY I.
THE ROLE OF VESTIBULAR NYSTAGMIS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK,
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

HUPP, D. I.
THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS,
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

HURST, R. P.
A STUDY OF THE VALENCE ELECTRON APPROXIMATION: APPLICATION TO LIH,
AD-628 261 7D T 66 07

HUTCHINSON, W. R.
ESTABLISHMENT OF STANDARDS FOR COMPATABILITY OF PRINTED CIRCUIT AND COMPONENT LEAD MATERIALS.
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00

HYDEN, HOLGER
RESEARCH ON INTRA NEURONAL MECHANISMS FOR INFORMATION STORAGE.
AD-628 899 6P T 66 08 HC$ 3.00 MF$ 0.50

HYDEN, H.
A DIFFERENTIATION IN RNA RESPONSE IN NEURONS EARLY AND LATE DURING LEARNING,
AD-628 365 6A T 66 07

CHANGES IN RNA CONTENT AND BASE COMPOSITION IN CORTICAL NEURONS OF RATS IN A LEARNING EXPERIMENT INVOLVING TRANSFER OF HANDEDNESS,
AD-628 366 6A T 66 07

HYDE, GEOFFREY
TRASVERSE FOCAL REGION FIELDS OF A SPHERICAL REFLECTOR.
AD-628 502 9E T 66 07 HC$ 9.60 MF$ 0.75

HYDE, GERALD M.
TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS,
AD-628 565 3B T 66 07

HYLER, W. S.
EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

HYOVALTI, DUANE C.
COMPUTATIONS OF THE ANTENNA CUT-BACK FACTOR FOR LF RADIO WAVES.
AD-628 178 20N T 66 07 MF$ 0.50

IA, F.
DISTRIBUTION OF WATER CONTENT IN CU CONG MODIFIED TO PRODUCE PRECIPITATION.
AD-629 087 4A T 66 08 HC$ 1.00 MF$ 0.50

ICE, C. H.
PRODUCTION OF TRANSPLUTONIUM ELEMENTS AT SAVANNAH RIVER,
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50

ICHIKAWA, Y. H.
THERMODYNAMIC PROPERTIES OF AN ELECTRON PLASMA,
AD-628 317 20I T 66 07 HC$ 3.60 MF$ 0.50

IDEN, F. W.
DIRECTIONAL GLIDE-SLOPE ANTENNA SYSTEM.
PB-169 196 17G U 41 07 HC$ 2.00 MF$ 0.50

IFRAM, ADNAN F.
ON THE SAMPLE SIZE AND SIMPLIFICATION OF A CLASS OF SPRT'S.
AD-628 364 12A T 66 07 HC$ 1.60 MF$ 0.50

IGARASHI, MAKOTO
ARCHITECTURE OF THE OTOLITH END ORGAN: WITH SOME FUNCTIONAL CONSIDERATIONS,
AD-628 211 6P T 66 07 HC$ 1.60 MF$ 0.50

MODIFICATION OF VESTIBULAR SENSITIVITY IN THE RAT,
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50

IKKELSEN,
RADIATION LEVELS ABOARD COMMERCIAL JET AIRCRAFT RESULTING FROM ATMOSPHERIC NUCLEAR WEAPONS TESTS, NOVEMBER 1961 - DECEMBER 1962,
AD-628 970 M18H,T 66 08

INCE, W. J.
MAGNETIC STUDIES OF THE ANTIFERROMAGNET RBMNF3.
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50

INFANTE, E. F.
ON THE STABILITY OF SYSTEMS DEFINED OVER A FINITE TIME INTERVAL,
AD-628 699 12B T 66 07

INGALLS, R.
ADVANCES IN MOSSBAUER EFFECT METHODOLOGY HIGH PRESSURE TECHNIQUES,
COO-1198-255 20H U 41 07 HC$ 1.00 MF$ 0.50

INGELSTAM, LARS
REAL BANACH ALGEBRAS,
AD-629 083 12A T 66 08

NON-ASSOCIATIVE NORMED ALGEBRAS AND HURWITZ' PROBLEM,
AD-629 618 12A T 66 08

HILBERT ALGEBRAS WITH IDENTITY,
AD-629 621 12A T 66 08

INGERMAN, P. Z.
A UNIVERSAL ASSEMBLY MAPPING LANGUAGE! 19.1,
AD-629 371 9B T 66 08

INGOLD, K. U.
THE OXIDATION OF PHENOLS. I. THE OXIDATION OF 2,6-DI-T-BUTYL-4-METHYLPHENOL, 2,6-DI-TBUTYLPHENOL, AND 2,6-DIMETHYLPHENOL WITH PEROXY RADICALS,
AD-629 746 7C T 66 08

ISAACS, JOHN D.
MIGRANT SOUND SCATTERERS: INTERACTION WITH THE SEA FLOOR,
AD-628 965 8A T 66 08

ISBELL, W. M.
SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

ISLAMOFF, ILIA I.
METAL-FORMING TECHNIQUES,
N65-33365 13H U 41 07 MF$ 0.50

IUTSIS, A. P.
SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS.
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

IVERSON, LOUIS
THE ROLE OF VESTIBULAR NYSTAGMIS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK,
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

IWASA, Y.
FLUX CREEP AS A DOMINANT SOURCE OF DEGRADATION IN SUPERCONDUCTING SOLENOIDS,
AD-629 189 9A T 66 08

IZUMI, Y.
VERTICAL VELOCITY FLUCTUATIONS IN A NOCTURNAL LOW-LEVEL JET.
AD-629 588 4B T 66 08

IZZO, L. L.
OPTICAL SPOT SIZE STUDY FOR DATA EXTRACTION FROM A TRANSPARENCY.
AD-628 588 17H T 66 07 HC$ 3.00 MF$ 0.75

JACCHIA, L. G.
DENSITY VARIATIONS IN THE HETEROSPHERE,
N66-12982 4A U 41 08 HC$ 2.00 MF$ 0.50

JACKSON, JAMES R.
SOME RECTANGULAR GAMES WITH A TWO-MAN TEAM,
AD-629 521 12B T 66 08 HC$ 3.60 MF$ 0.50

JACKSON, M. R.
INVESTIGATION OF LIGHT SCATTERING IN HIGHLY REFLECTING PIGMENTED COATINGS.
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50

JACKSON, R. J.
A METALLOGRAPHIC HOT-STAGE FOR PLUTONIUM,
RFP-548 18D U 41 07 HC$ 1.00 MF$ 0.50

JACKSON, W. H.
SEISMIC STUDY OF CRUSTAL STRUCTURE IN THE SOUTHERN ROCKY MOUNTAINS.
AD-628 163 8G T 66 07 HC$ 1.00 MF$ 0.50

JACK, JOHN R.
THRUST COEFFICIENTS OF LOW-THRUST NOZZLES,
N65-36896 21H U 41 07 HC$ 2.00 MF$ 0.50

JACOBSEN, LYDIK S.
STUDY OF GROUND MOTIONS FOR SIMULATION BY SHOCK TESTING MACHINE.
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00

JACOBS, S. F.
SESSION P-3: QUANTUM ELECTRONICS GENER- ATION. P-3.3: FREQUENCY STABILIZATION OF GAS LASERS.
AD-629 158 20E T 66 08

JAEGER, ARNO
ON DIRECT SUMS AND TENSOR PRODUCTS OF LINEAR PROGRAMS.
AD-629 487 12B T 66 08

JAFFE, J. H.
NEW DETERMINATION OF THE STRENGTH OF THE V3 BAND OF WATER VAPOR FORM DISPERSION MEASUREMENTS.
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50

JAFFE, SOL S.
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-628 575 10C T 66 07 HC$ 2.60 MF$ 0.50

JAMES KENT, PETERSON AND
TEST OF A TRUSS-CORE SANDWICH CYLINDER LOADED TO FAILURE IN BENDING.
N66-13021 J20K,U 41 07 HC$ 2.00 MF$ 0.50

JAMESON, ROBERT A.
ANALYSIS OF A PROTON LINEAR ACCELERATOR RF SYSTEM AND APPLICATION TO RF PHASE CONTROL.
LA-3372 20G U 41 08 HC$ 7.00 MF$ 1.50

JAMES, W. R.
A LOGNORMAL SIZE DISTRIBUTION MODEL FOR ESTIMATING STABILITY OF BEACH FILL MATERIAL.
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50

JAMISON, BENTON
ASYMPTOTIC BEHAVIOR OF SUCCESSIVE ITERATES OF CONTINUOUS FUNCTIONS UNDER A MARKOV OPERATOR.
AD-628 438 12A T 66 07

ERGODIC DECOMPOSITIONS INDUCED BY CERTAIN MARKOV OPERATORS.
AD-628 439 12A T 66 07

CONVERGENCE OF WEIGHTED AVERAGES OF INDEPENDENT RANDOM VARIABLES.
AD-629 602 12A T 66 08

JANROZY, J. L.
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT.
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

JANSONS, ARNOLDS
RING COUNTER STABILIZING CIRCUITRY FOR CONDITIONS OF NON-CONDUCTION OF ALL STAGES OR CONDUCTION OF MORE THAN ONE.
PATENT 3,217,185 9A U 41 07

JANZEN, EDWARD G.
HYDROCARBON DIANION RADICALS.
AD-629 549 7C T 66 08

JANZ, GEORGE J.
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 1. THEORETICAL PRINCIPLES OF THE OSCILLATING HOLLOW CYLINDER METHOD.
AD-629 652 7D T 66 08

JANZ, G. J.
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 2. SOME ALKALI AND ALKALINE EARTH CHLORIDES.
AD-629 651 7D T 66 08

JAQUET, BYRON M.
A STUDY OF GEMINI-AGENA DOCKING USING A FIXED-BASE SIMULATOR EMPLOYING A CLOSED-CIRCUIT TELEVISION SYSTEM.
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50

JARRETT, A. H.
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE.
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00

JARRETT, F. W.
ULTRASONIC TESTING.
ACF-4 13H U 41 07 HC$ 1.00 MF$ 0.50

JARRETT, S. M.
PHOTODISSOCIATION OF THALLIUM BROMIDE AND CESIUM BROMIDE.
AD-629 160 7E T 66 08

STRONG 3.27-UPSILON LASER OSCILLATION IN XENON.
AD-629 161 20E T 66 08

JEANNEROD, M.
ETUDE DE LA MOTRICITE OCULAIRE AU COURS DE LA PHASE PARADOXALE DU SOMMEIL CHEZ LE CHAT (STUDY OF EYE MOVEMENT DURING THE PARADOXICAL PHASE OF SLEEP IN THE CAT).
AD-629 218 6P T 66 08

JEAN, A. G.
TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS.
AD-629 365 18C T 66 08

JEFFERS, PETER
THE DYNAMICS OF CRYOSORPTION PUMPING.
N65-35069 13H U 41 07 HC$ 1.00 MF$ 0.50

JELSMA, LAWRENCE F.
QUANTUM FIELD THEORETICAL MODELS OF COMMUNICATION SYSTEMS.
AD-628 711 9D T 66 07 HC$20.80 MF$ 1.25

JENKINS, EDWARD D.
HISTOPATHOLOGY OF MICE FED IRRADIATED FOODS.
AD-629 418 6E T 66 08

JENSEN, PAUL F.
LAMINAR, TRANSITIONAL AND TURBULENT FLOW WITH ADVERSE PRESSURE GRADIENT ON A CONE-FLARE AT MACH 10.
AD-629 094 20D T 66 08 HC$ 6.60 MF$ 0.75

JENSON, ROBERT L.
GLUCOSE TOLERANCE RESPONSES IN YOUNG ADULTS OF SHARPLY CONTRASTING PERIODONTAL STATUS.
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50

JERNELL, LLOYD S.
EFFECTS OF WING PLANFORM ON THE AERODYNAMIC CHARACTERISTICS OF A WING-BODY -TAIL MODEL AT MACH NUMBERS FROM 1.70 TO 4.63.
N66-12153 1C U 41 07 HC$ 3.00 MF$ 0.75

JERVIS, E. R.
ANALYSIS OF SAFETY ASPECTS OF AIRCRAFT LANDING OPERATIONS.
AD-430 087 18 U 41 07 HC$ 5.00

JIH-PING, CHAO
ON THE EFFECTS OF THE VERTICAL WIND SHEAR ON THE DEVELOPMENT AND STRUCTURE OF CONVECTION.
AD-628 223 4B T 66 07 HC$ 1.00 MF$ 0.50

JOBES, FORREST C.
PLASMA DENSITY BY ION BEAM PROBING; DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

JOENK, R. J.
MAGNETIC PROPERTIES OF CUF2.
AD-629 292 20L T 66 08

MAGNETIC PARAMETERS IN NIF2.
AD-629 293 20L T 66 08

JOHANI, THOMAS
PITOT AND STATIC PRESSURE MEASUREMENTS IN THE SEPARATED REGION OF SPIKED CYLINDER IN HYPERSONIC FLOW.
AD-628 683 20D T 66 07 HC$ 3.00 MF$ 0.75

JOHANSSON, CARL-GUSTAV
A STUDY OF SOME PROPERTIES OF DIFFRACTION PATTERNS PRODUCED BY RADIO WAVES FROM ARTIFICIAL SATELLITES.
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50

JOHNSEN, EUGENE C.
THE INVERSE MULTIPLIER FOR ABELIAN GROUP DIFFERENCE SETS.
AD-629 035 12A T 66 08

JOHNSEN, JARL
DIGITAL SIMULATION OF A DIGITAL SPECTRUM ANALYZER.
AD-629 387 14B T 66 08 HC$ 2.00 MF$ 0.50

JOHNSON, FREDERICK C.
MATHEMATICAL TARGETING II: THE ANALYSIS OF ANALYTICAL AEROTRIANGULATION TECHNIQUES BY SIMULATION METHODS.
AD-629 628 8B T 66 08 HC$13.60 MF$ 1.00

JOHNSON, HUGH M.
THE DISTRIBUTION OF X-RAY SOURCES IN THE GALAXY.
AD-628 471 4B T 66 07

JOHNSON, JOSEPH L.
LOW-SPEED FORCE AND FLIGHT INVESTIGATION OF VARIOUS METHODS FOR CONTROLLING PARAWINGS.
N66-12151 1C U 41 07 HC$ 2.00 MF$ 0.50

JOHNSON, KIRK A.
A COMPARISON OF FORWARD AND BACKWARD CHAINING TECHNIQUES FOR THE TEACHING OF VERBAL SEQUENTIAL TASKS.
AD-628 944 5I T 66 08 HC$ 1.60 MF$ 0.50

JOHNSON, LAVERNE C.
ECCRINE SWEAT GLAND ACTIVITY AND RACIAL DIFFERENCES IN RESTING SKIN CONDUCTANCE.
AD-628 752 6E T 66 07

JOHNSON, N. L.
CUMULATIVE SUM CONTROL CHARTS. MATHEMATICAL PRINCIPLES APPLIED TO THEIR CONSTRUCTION AND USE, PARTS I-III.
AD-628 431 12A T 66 07

JOHNSON, PATRICIA A.
MICROBIAL GROWTH ON C-1 COMPONENTS. SYNTHESIS OF CELL CONSTITUENTS BY METHANEAND METHANOL-GROWN PSEUDOMONAS METHANICA.
AD-628 391 6M T 66 07

USE OF A PURIFIED BACTERIAL FORMATE DEHYDROGENASE FOR THE MICRO-ESTIMATION OF FORMATE.
AD-628 821 6A T 66 07

JOHNSON, RICHARD D.
ANALYSIS OF THE EXTRATERRESTRIAL LIFE DETECTION PROBLEM.
N65-34227 6C U 41 07 HC$ 2.00 MF$ 0.50

JOHNSON, ROBERT L.
HYPOKINESIA SECONDARY TO CHAIR REST FROM 4 TO 10 DAYS.
AD-628 314 6S T 66 07

JOHNSON, R. E.
FRACTURE MECHANICS: A BASIS FOR BRITTLE FRACTURE PREVENTION.
AD-629 436 20K T 66 08 HC$ 3.00 MF$ 0.75

JOHNSON, R. G.
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY

VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS,
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

JOHNSON, R. W.
THERMAL SCALE MODELING OF THE MARINER IV SPACECRAFT.
N66-10631 22B U 41 08 HC$ 5.00 MF$ 1.00

JOHNSON, WAINE C.
CUTANEOUS FOCAL MUCINOSIS,
AD-629 340 6E T 66 08

JOHNSTON, JOSEPH M.
EVALUATION OF MILITARY RADIAC EQUIPMENT,
AD-629 545 18D T 66 08 HC$ 8.60 MF$ 0.75

JOHNS, W. L.
A METALLOGRAPHIC HOT-STAGE FOR PLUTONIUM,
RFP-548 18D U 41 07 HC$ 1.00 MF$ 0.50

JOKIPII, J. R.
ON THE FLOW OF A MAGNETIZED SOLAR WIND AROUND THE MOON,
N66-10681 20H U 41 08 HC$ 1.00 MF$ 0.50

JONA, F.
OBSERVATIONS OF 'CLEAN' SURFACES OF SI, GE, AND GAAS BY LOW-ENERGY ELECTRON DIFFRACTION,
AD-629 298 20L T 66 08

JONES-MORTIMER, M. C.
USE OF A PURIFIED BACTERIAL FORMATE DEHYDROGENASE FOR THE MICRO-ESTIMATION OF FORMATE,
AD-628 821 6A T 66 07

JONES, CHARLES H.
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

JONES, C. E.
OPTIMIZATION OF HYDRAULIC THRUST VECTOR CONTROL SYSTEMS FOR LAUNCH VEHICLES, VOLUME III, SECTION 2,
N66-12611 22D U 41 08 HC$ 8.45 MF$ 2.25

JONES, DAVE C.
A PERSISTENT METABOLIC EFFECT OF X RAYS OR NEUTRONS,
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50

JONES, D. I. G.
SOME ASPECTS OF THE ANALYSIS OF DAMPING AND VIBRATIONS IN SIMPLE STRUCTURES,
AD-628 279 13M T 66 07 HC$ 6.00 MF$ 1.25

JONES, J. L.
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

JONES, J. M.
PLASMA OSCILLATIONS.
AD-628 327 20I T 66 07 HC$ 1.00 MF$ 0.50

JONES, LORELLA
GALVANO-THERMOMAGNETIC PHENOMENA AND THE FIGURE OF MERIT IN BISMUTH, II. SURVEY OF EXPERIMENTAL DATA AND CALCULATION OF DEVICE PARAMETERS,
AD-628 559 10B T 66 07

JONES, L. V.
MOUND LABORATORY PROGRESS REPORT FOR MAY 1965,
MLM-1266 7E U 41 07 HC$ 2.00 MF$ 0.50

JONES, REESE T.
THE AUDITORY EVOKED RESPONSE AS A DIAGNOSTIC AND PROGNOSTIC MEASURE IN SCHIZOPHRENIA,
AD-628 371 6E T 66 07

JONES, W. LLOYD
HUMAN FACTORS AS THEY AFFECT METHODS IMPROVEMENT IN CONSTRUCTION.
AD-628 940 5I T 66 08 HC$ 3.00 MF$ 0.75

JONSSON, V. K.
HOT-WIRE ANEMOMETER STUDY OF A TURBULENT BOUNDARY LAYER ON A POROUS AXIAL CIRCULAR CYLINDER WITH UNIFORM AIR INJECTION.
AD-628 083 20D T 66 07 HC$ 4.00 MF$ 0.75

JORDAN, K. C.
A GENERAL METHOD OF DETERMINING THE TOTAL TIME INTEGRAL OF TRANSIENTS IN LINEAR SYSTEMS,
MLM-1288 20C U 41 08 HC$ 1.00 MF$ 0.50

JORGENSEN, LELAND H.
CHARTS OF ISENTROPIC EXPONENT AS A FUNCTION OF ENTHALPY FOR VARIOUS GASES IN EQUILIBRIUM,
N65-34243 20M U 41 07 HC$ 1.00 MF$ 0.50

JORGENSEN, T. STOCKFLET
OBSERVATIONS OF WHISTLERS AND VLF EMISSIONS AT GODHAVN AND NARSSARSSUAQ, GREENLAND AND AT TROMSO, NORWAY IN 1963,
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75

JORY, H.
INVESTIGATION OF ELECTRONIC INTERACTION WITH OPTICAL RESONATORS FOR MICROWAVE GENERATION AND AMPLIFICATION.
AD-629 153 20F T 66 08 HC$ 1.00 MF$ 0.50

JOSEPH, W. F.
DESIGN CRITERIA FOR WIDE RANGE GAMMA RADIACS USING SEMICONDUCTOR DIODE DETECTORS,
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50

JOUVET, D.
ETUDE STATISTIQUE DU CYCLE VEILLE-SOMMEILS CHEZ LE CHAT (STATISTICAL STUDY OF THE SLEEP-WALKING CYCLE IN THE CAT),
AD-629 203 6P T 66 08

JOUVET, M.
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP,
AD-628 246 6P T 66 07 HC$ 1.60 MF$ 0.50

PARADOXICAL SLEEP-A STUDY OF ITS NATURE AND MECHANISMS,
AD-629 202 6P T 66 08

EFFETS DE RESERPINE, DOPA ET 5 HTP SUR LES DEUX ETATS DE SOMMEIL (EFFECTS OF RESERPINE, DOPA AND 5 HTP ON THE TWO STATES OF SLEEP),
AD-629 216 6O T 66 08

ETUDE DE LA MOTRICITE OCULAIRE AU COURS DE LA PHASE PARADOXALE DU SOMMEIL CHEZ LE CHAT (STUDY OF EYE MOVEMENT DURING THE PARADOXICAL PHASE OF SLEEP IN THE CAT),
AD-629 218 6P T 66 08

JUDD, SAMUEL
REINFORCED CONCRETE. DESIGN DATA,
AD-628 139 13M T 66 07 MF$ 1.00

JUDY, R. W.
FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CB-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

JURINSKI, N. B.
ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS.
AD-629 551 7B T 66 08

SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES.
AD-629 552 7B T 66 08

JURKUS, A.
CALIBRATION FACILITY FOR RF QUANTITIES OFFERS CENTRAL TIE-IN FOR TESTING LABS,
AD-629 752 14B T 66 08

JU, F. D.
PRODUCTION AND MEASUREMENT OF A DILATATION LOADING FIELD,
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75

KAFESJIAN, RALPH
DEVELOPMENT OF THE DRY TAPE BATTERY CONCEPT,
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25

KAGIWADA, H.
NUMERICAL RESULTS FOR THE ESTIMATION OF SOURCE DISTRIBUTIONS FROM EXTERNAL RADIATION FIELD MEASUREMENTS,
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50

KAGIWADA, H. H.
INITIAL VALUE METHODS FOR THE BASIC BOUNDARY VALUE PROBLEM AND INTEGRAL EQUATION OF RADIATIVE TRANSFER,
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50

KAHN, WALTER K.
A SUMMARY OF CURRENT RESEARCH IN THE MICROWAVE RESEARCH INSTITUTE PROGRAMS.
AD-467 353 9C U 41 08 HC$ 5.00 MF$ 1.00

RAY THEORY OF OPTICAL RESONATORS AND BEAM WAVEGUIDES.
AD-628 355 20F T 66 07 HC$ 2.00 MF$ 0.50

KAILATH, THOMAS
THE DETECTION OF KNOWN SIGNALS IN COLORED GAUSSIAN NOISE,
AD-629 369 9D T 66 08

KAIMAL, J. C.
VERTICAL VELOCITY FLUCTUATIONS IN A NOCTURNAL LOW-LEVEL JET.
AD-629 588 4B T 66 08

KAISER, ARTHUR
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

KALABA, R.
NUMERICAL RESULTS FOR THE ESTIMATION OF SOURCE DISTRIBUTIONS FROM EXTERNAL RADIATION FIELD MEASUREMENTS,
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50

KALABA, R. E.
INITIAL VALUE METHODS FOR THE BASIC BOUNDARY VALUE PROBLEM AND INTEGRAL EQUATION OF RADIATIVE TRANSFER,
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50

KALER, JAMES B.
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE. III. THE LOW-EXCITATION RING PLANETARY IC 418,
AD-628 456 4B T 66 07

KALLICK, B.
THEOREM-PROVING BY COMPUTER.
AD-628 319 9B T 66 07 HC$ 3.60 MF$ 0.50

KALLMANN, HARTMUT
SOLID STATE RADIATION-INDUCED PHENOMENA.
AD-628 861 20F T 66 07 HC$ 3.00 MF$ 0.75

KALLMANN, HARTMUT P.
LUMINESCENCE, INFRARED RESPONSE AND ENERGY STORAGE OF VARIOUS LUMINESCENT MATERIALS IN RELATION TO PREPARATIVE METHODS AND CONDITIONS.

AD-628 394 20F T 66 07 HC$ 2.00 MF$ 0.50

KALNINS, A.
TRANSIENT VIBRATION OF THIN ELASTIC SHELLS,
AD-628 623 20K T 66 07

KAMENSHINE, J. A.
A BASIC STUDY OF THE SLIDING CONTACTS IN ROLLING BEARINGS.
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50

KAMLET, MORTIMER J.
NITROALKYLAMINES.
PATENT 3,219,706 7C U 41 08

KAMRANY, NAKE M.
ECONOMIC DEVELOPMENT PLANNING AND INFORMATION SYSTEMS: A DISCUSSION AND BIBLIOGRAPHY,
AD-628 213 5C T 66 07 HC$ 3.00 MF$ 0.75

KANGOS, JAMES D.
THE INFLUENCE OF LOCAL WINDS ON FALLOUT.
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50

KANNELAUD, J.
COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. II. EXPERIMENTAL.
AD-628 469 20E T 66 07

COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. I. THEORETICAL.
AD-628 470 20E T 66 07

KANNEWORFF, BIRGITTE
LIFE HISTORY AND BIOLOGY OF KRONBORGIA AMPHIPODICOLA CHRISTENSEN AND KANNEWORFF (TURBELLARIA, NEORHABDOCOELA),
AD-628 590 8A T 66 07

KANNEWORFF, EBBE
LIFE CYCLE, FOOD, AND GROWTH OF THE AMPHIPOD AMPELISCA MACROCEPHALA LILJEBORG FROM THE OERESUND,
AD-628 591 8A T 66 07

KANNINEN, M. F.
FUEL CONSERVATION INDEXES FOR THERMAL REACTORS,
HW-79287 18I U 41 07 HC$ 3.00 MF$ 0.75

KANNON, J. F.
STUDY OF TANDEM ROTOR HELICOPTER DYNAMICS FOLLOWING POWER FAILURE AT HIGH SPEED.
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50

KANN, W. J.
FARET CORE I FUEL IRRADIATION PROGRAM AND REFERENCE DESIGN,
ANL-7106 18H U 41 07 HC$ 2.00 MF$ 0.50

KANTOR, A. J.
STRATOSPHERIC TEMPERATURE VARIATIONS, 25 TO 55 KILOMETERS, AT LATITUDE 15 DEGREES N.
AD-628 903 4B T 66 08

KAOSINGHA, AMNUAY
VEGETATION ANALYSIS OF PRAN BURI DEFOLIATION TEST AREA 1,
AD-629 667 6C T 66 08 HC$ 5.60 MF$ 0.75

KAO, TIMOTHY W.
ON THE ESTABLISHMENT OF DENSITY PROFILE FOR THE FLOW OF A TWO-FLUID SINGLE PHASE GAS MIXTURE,
N65-35963 20D U 41 07 HC$ 1.00 MF$ 0.50

KAPLAN, A. L.
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

KAPLAN, CARL
ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER,
AD-628 811 20D T 66 07 HC$ 2.60 MF$ 0.50

ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLOID OF REVOLUTION.
AD-629 577 20D T 66 08 HC$ 2.60 MF$ 0.50

KAPLAN, DAVID J.
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

KAPLAN, MARGORIE N.
USAF OFFICER EVALUATION SYSTEM SURVEY: ATTITUDES AND EXPERIENCE,
AD-628 551 5I T 66 07 HC$ 8.60 MF$ 0.75

KAPUKHIN, V. I.
METHOD OF MEASURING THE TEMPERATURE OF OBJECTS OF DIFFICULT ACCESS AT TIME OF OPERATION,
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50

KARACHAROV, K. A.
INTRODUCTION TO THE TECHNICAL THEORY OF STABILITY OF MOTION,
AD-629 440 20K T 66 08 HC$23.60 MF$ 1.25

KARAGOZIAN, JOHN
STUDY OF GROUND MOTIONS FOR SIMULATION BY SHOCK TESTING MACHINE.
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00

KARDASHEV, N. S.
CORRELATION RECEIVER FOR THE STUDY OF COSMIC RADIAL RADIATION AT LAMBDA = 21 CM,
AD-629 412 3B T 66 08 HC$ 1.60 MF$ 0.50

KARNOPP, DEAN
COUPLED VIBRATORY SYSTEM ANALYSIS USING THE DUAL FORMULATION.
AD-628 216 20K T 66 07 HC$ 1.60 MF$ 0.50

KAROSENE, A. V.
SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS.
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

KARR, GERALD R.
AERODYNAMIC TORQUE ON A SPINNING SPHERICAL SATELLITE,
AD-628 111 22C T 66 07 HC$ 1.60 MF$ 0.50

KASATKINA, O. I.
MAIN GEOPHYSICAL OBSERVATORY (SELECTED ARTICLES),
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50

KASNITZ, H. L.
BASELINE: A MAN-MACHINE PROGRAM FOR DATA ANALYSIS.
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00

KASSELMANN, J. T.
DEVELOPMENT OF AN ALL-FLUID AMPLIFIER FOR LIQUID ROCKET APPLICATIONS.
N66-11619 21H U 41 08 HC$ 4.00 MF$ 1.00

KASTNER, S. O.
ON THE DETERMINATION OF SOLAR EUV EMISSION ALTITUDES USING THE EARTH AS AN OCCULTING DISK,
N66-11210 20H U 41 08 HC$ 1.00 MF$ 0.50

KASZERMAN, PHILIP
A 'REGION' CONCEPT AND ITS APPLICATION TO THRESHOLD LOGIC,
AD-628 827 9B T 66 07

KATCHALSKI, E.
SYNTHESIS OF TRITIATED POLY-L-LYSINE (GAMMA, DELTA-T2),
AD-629 294 6A T 66 08

KATNACK, F.
STRUCTURES FOR 300-WATT, 400MHZ UHF POWER TRANSMISSION.
AD-628 712 9A T 66 07 HC$ 2.00 MF$ 0.50

KATSAROS, K.
ON THE USE OF INTERMEDIATE INFRARED AND MICROWAVE INFRARED IN WEATHER SATELLITES.
N66-12983 4B U 41 08 HC$ 3.00 MF$ 0.50

KATS, L. N.
ANTIGENIC STRUCTURE OF THE VACCINE STRAIN OF BAC. ANTHRACIS,
AD-628 492 6M T 66 07 HC$ 1.10 MF$ 0.50

KATZ, B.
INFRARED SPECTRA OF HC1 IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

KATZ, GERALD
EXSOLUTION OF BETA-GA203 CRYSTALLINF SOLUTIONS IN THE SYSTEM MGA1204-GA203,
AD-629 699 11B T 66 08

KATZ, L.
COMPRESSION TESTS ON INTEGRALLY STIFFENED CYLINDERS,
N66-10676 20K U 41 08 HC$ 4.00 MF$ 0.75

KATZ, Y. J.
CHRONIC EFFECTS OF REVASCULARIZING THE ISCHEMIC HYPERTENSIVE KIDNEY UTILIZING A SEGMENT OF ILEUM,
AD-629 177 6E T 66 08

KAUFFMAN, RICHARD HENRY
KINGSTON FORTRAN II LIBRARY SUBPROGRAMS AS SIMULATION AIDS.
AD-628 335 9B T 66 07 HC$10.60 MF$ 0.75

KAUFMANN, PIERRE
A COMBINED REPORT ON GENERAL WORKS AND PRELIMINARY STUDIES ON SOLAR RADIO EMISSION AND SOLAR-TERRESTRIAL RELATIONSHIPS THROUGH V. L. F. PROPAGATION IN THE IONOSPHERE.
AD-628 887 4A T 66 08 HC$ 4.00 MF$ 0.75

KAUFMAN, JOYCE J.
SEMIRIGOROUS LCAO-MO-SCF METHODS FOR THREE-DIMENSIONAL MOLECULAR CALCULATIONS INCLUDING ELECTRON REPULSION,
AD-629 397 7D T 66 08

KAUFMAN, LARRY
THE LATTICE STABILITY OF METALS V. VANADIUM, CHROMIUM, COBALT AND NICKEL.
AD-628 985 20B T 66 08 HC$ 1.00 MF$ 0.50

KAUFMAN, L.
ANALYSES OF VAPORIZATION IN LIQUID URANIUM BEARING SYSTEMS AT VERY HIGH TEMPERATURES.
N66-12256 20M U 41 07 HC$ 2.00 MF$ 0.50

KAUKHCHESHVILI, E. J.
A CONFERENCE ON SUBLIMATION DRYING OF FOOD PRODUCTS,
AD-628 429 6H T 66 07 HC$ 1.00 MF$ 0.50

KAVAGE, W.
STIMULATED BRILLOUIN SCATTERING IN ANISOTROPIC MEDIA AND OBSERVATION OF PHONONS,
AD-466 176 20E U 41 08 HC$ 1.00 MF$ 0.50

KAVAGE, W. T.
PARAMETRIC EXCITATION OF ACOUSTIC WAVES IN STIMULATED BRILLOUIN SCATTERING.
AD-466 177 20E U 41 08 HC$ 2.00 MF$ 0.50

KAVANAGH, THOMAS C.

ARECIBO RADAR-RADIO TELESCOPE-DESIGN AND CONSTRUCTION.
AD-629 468 9E T 66 08

KAWAHARA, F. K.
DISTRIBUTION OF VOLCANIC FALLOUT IN AND ABOUT A ONE-STORY RESIDENCE.
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75

KAWAJI, SHINJI
FIELD EFFECT MEASUREMENTS ON THE A AND B (111) SURFACES OF INDIUM ANTIMONIDE.
AD-629 200 20L T 66 08 HC$ 1.60 MF$ 0.50

KAYE, B. H.
INVESTIGATION OF LIGHT SCATTERING IN HIGHLY REFLECTING PIGMENTED COATINGS.
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50

KAYE, SEYMOUR M.
FEASIBILITY STUDY FOR THE DEVELOPMENT OF A SMOKE TRACER FOR AN APDS SHOT.
AD-467 449 19A U 41 08 HC$ 1.00 MF$ 0.50

KAY, MARTIN
THE CATALOG INPUT/OUTPUT SYSTEM.
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75

KEARKUFF, THOMAS
PRODUCTION ENGINEERING MEASURE FOR SILICON OVERLAY TRANSISTORS.
AD-628 230 9A T 66 07 HC$ 2.00 MF$ 0.50

KEARNS, J. J.
THERMAL EXPANSION AND PREFERRED ORIENTATION IN ZIRCALOY.
WAPD-TM-472 11F U 41 08 HC$ 2.00 MF$ 0.50

KEAST, F. H.
GEMINI ONE-TON AMPHIBIOUS OFF-HIGHWAY AIRTRANSPORTABLE VEHICLE, CONTINUATION OF PHASE I PROGRAM.
AD-629 648 1C T 66 08 HC$ 5.60 MF$ 0.75

KEEGAN, M. R.
A HIGH TEMPERATURE CREEP MACHINE FOR IN-CELL OPERATION.
BNWL-137 18J U 41 08 HC$ 1.00 MF$ 0.50

KEELING, CHARLES D.
CARBON DIOXIDE IN SURFACE WATERS OF PACIFIC OCEAN. I. MEASUREMENTS OF THE DISTRIBUTION.
AD-628 242 8J T 66 07

KEENLY, RICHARD R.
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

KEIG, N. G.
TRENDS IN THE INDUSTRIAL AND OCCUPATIONAL COMPOSITION OF THE LABOR MARKET IN THE CAPE KENNEDY AREA.
N66-10759 5I U 41 08 HC$ 1.00 MF$ 0.50

PROJECTIONS OF THE SIZE AND INDUSTRIAL COMPOSITION OF THE LABOR FORCE IN THE CAPE KENNEDY REGION.
N66-11775 5C U 41 08 HC$ 1.00 MF$ 0.50

KEISTER, F. Z.
DETERMINATION OF THE EFFECTS OF A THERMAL STERILIZATION PROCESS ON THE MECHANICAL AND ELECTRICAL PROPERTIES OF SOLDERED AND WELDED JOINTS.
N66-12854 13H U 41 08 HC$ 6.00 MF$ 1.50

KELLER, HENRY K.
SEARCHING THROUGH WORD LISTS.
AD-628 562 5J T 66 07

KELLEY, JOHN W.
VEGETATION ANALYSIS OF PRAN BURI DEFOLIATION TEST AREA 1.
AD-629 667 6C T 66 08 HC$ 5.60 MF$ 0.75

KELLEY, PAUL L.
SELF-FOCUSING OF OPTICAL BEAMS.
AD-628 563 20F T 66 07

KELLMANN, ARLETTE
PHOTOREACTIVE STATE OF ACRIDINE IN SOLUTION.
AD-629 489 7E T 66 08

KELLY, LORETTA
SUSCEPTIBILITY OF PEROMYSCUS CALIFORNICUS CALIFORNICUS TO INFECTION WITH LEISHMANIA DONOVANI.
AD-628 153 6M T 66 07

KELLY, M.
PURIFICATION AND PROPERTIES OF ACYLTRANSFERASES FROM PSEUDOMONAS AERUGINOSA.
AD-628 390 6A T 66 07

KELLY, W. H.
LEVELS OF SR85 POPULATED IN THE DECAY OF Y85 AND Y85M.
AD-629 576 18H T 66 08 HC$ 4.60 MF$ 0.50

KEMPKE, ERWIN E.
EVALUATION OF ONE TYPE OF FOLDABLE TUBE.
N66-12137 22B U 41 07 HC$ 1.00 MF$ 0.50

KENDALL, H.
POLARIZATION OF THE RECOIL PROTON FROM PI(0) 0 PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

KENNEALY, J. P.
OBSERVATION OF THE DELTA NU=1 SEQUENCE OF OH PRODUCED IN THE H + O3 REACTION.
AD-629 115 4A T 66 08

KENNEDY, E. J.
A SURVEY AND EVALUATION OF BIAS STABILIZATION TECHNIQUES IN TRANSISTOR CIRCUITS.
TID-21927 9A U 41 07 HC$ 3.00 MF$ 0.75

KENNEDY, F. L.
THE APPLICATIONS OF COMPUTERS TO THE APL STORAGE AND RETRIEVAL SYSTEM.
AD-462 339 5B U 41 08 HC$ 2.60

KENNEDY, GEORGE C.
THE EFFECT OF PRESSURE ON MELTING.
AD-628 975 7D T 66 08 HC$ 1.00 MF$ 0.50

KENNEDY, J. G.
CHARACTERISTICS OF U. S. RICE FIELDS AND THEIR EFFECTS ON GROUND MOBILITY.
AD-628 734 8H T 66 07 MF$ 1.00

KENNEL, C. F.
A LIMIT ON STABLY TRAPPED PARTICLE FLUXES.
N66-10878 20H U 41 08 HC$ 3.00 MF$ 0.75

KEPPEL, GEOFFREY
AN ANALYSIS OF INTRALIST SIMILARITY IN VERBAL LEARNING WITH EXPERIMENTS ON CONCEPTUAL SIMILARITY.
AD-628 638 5J T 66 07

KEREIAKES, JAMES G.
METABOLIC CHANGES IN HUMANS FOLLOWING TOTAL BODY IRRADIATION.
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50

KERER, G.
GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

KERN, CLIFFORD D.
EVALUATION OF INFRARED EMISSION OF CLOUDS AND GROUND AS MEASURED BY WEATHER SATELLITES.
AD-629 081 4A T 66 08 HC$ 4.00 MF$ 0.75

KERR, J. RICHARD
MICROWAVE OPTICAL RECEIVER TECHNIQUES.
AD-629 242 17B T 66 08 HC$ 2.00 MF$ 0.50

KERR, W. A.
THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS.
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

KERR, W. B.
DEVELOPMENT OF A CONTINUOUS ELECTROLYTIC PROCESS FOR RECOVERY OF URANIUM FROM HIGH-ENRICHED STAINLESS STEEL AND NICHROME FUELS.
IDO-14643 18J U 41 07 HC$ 3.00 MF$ 0.75

KESHOCK, EDWARD G.
EXPERIMENTAL PROFILES OF VELOCITY COMPONENTS AND RADIAL PRESSURE DISTRIBUTIONS IN A VORTEX CONTAINED IN A SHORT CYLINDRICAL CHAMBER.
N65-35840 1A U 41 07 HC$ 2.00 MF$ 0.50

KESTENBAUM, A.
APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF SYSTEMS WITH OPTIMAL CONTROLLER STRUCTURES.
AD-628 296 12B T 66 07 HC$ 1.60 MF$ 0.50

KESTIN, J.
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75

KEYS, R. D.
DETERMINATION OF LOW-TEMPERATURE FATIGUE PROPERTIES OF STRUCTURAL METAL ALLOYS.
N66-10611 11F U 41 08 HC$ 5.00 MF$ 1.00

KHAN, N. A.
MEAN LIFE OF THE 2.98-MEV LEVEL OF A147.
AD-628 880 20H T 66 07

KHITROV, L. M.
THE USE OF A DEEP-WATER GAMMA RADIOMETER FOR THE MEASUREMENT OF RADIOACTIVITY IN THE OCEAN.
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50

KHIZHNIAK, N. A.
DIFFUSION OF A FULLY IONIZED PLASMA ACROSS A MAGNETIC FIELD.
AD-628 968 20I T 66 08 HC$ 1.00 MF$ 0.50

KHUDOVEKOV, B. A.
THE DOCKERS OF ARKHANGELSK.
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50

KHURGIN, B.
MOSSBAUER EFFECT IN DY161 IN METALLIC DYSPROSIUM, DYFE2, AND DYAL2.
AD-629 236 20H T 66 08

KIBBEE, JOEL M.
SDC DOCUMENTS APPLICABLE TO STATE AND LOCAL GOVERNMENT PROBLEMS.
AD-628 405 5D T 66 07 HC$ 1.00 MF$ 0.50

KIEFER, T. F.

DETERMINATION OF LOW-TEMPERATURE FATIGUE PROPERTIES OF STRUCTURAL METAL ALLOYS.
N66-10611 11F U 41 08 HC$ 5.00 MF$ 1.00

KIEFFER, WILLIAM L.
MILLIMETER WAVE STUDIES.
AD-466 779 17I U 41 07 HC$ 2.00 MF$ 0.50

KIEMENT, ALFRED W.
NATURAL ENVIRONMENTAL RADIOACTIVITY. AN ANNOTATED BIBLIOGRAPHY.
WASH-1061 18H U 41 07 HC$ 4.00 MF$ 1.00

KIKUCHI, R.
LATTICE MODELS FOR COOPERATIVE PHENOMENA. I. SURVEY AND COMPARISON OF APPROXIMATE METHODS.
UCRL-14287 20B U 41 07 HC$ 2.00 MF$ 0.50

KIMELDORF, DONALD J.
A PERSISTENT METABOLIC EFFECT OF X RAYS OR NEUTRONS.
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50

KIMELDORF, D. J.
THE EFFECTS OF VARIOUS GASES WITHIN THE NASAL CAVITIES OF RATS ON THE RESPONSE OF OLFACTORY BULB NEURONS TO X IRRADIATION.
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50

KIMEL, S.
INFRARED SPECTRA OF HCl IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

KIN, STEPHEN M.
ELECTRODEPOSITION OF ACTINIDES AND LANTHANIDES.
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50

KINCAID, CALEB B.
RADIATION LEVELS ABOARD COMMERCIAL JET AIRCRAFT RESULTING FROM ATMOSPHERIC NUCLEAR WEAPONS TESTS, NOVEMBER 1961 - DECEMBER 1962.
AD-628 970 18H T 66 08

KINGSTON, A. E.
THE CROSS SECTIONS FOR IONIZATION OF THE EXCITED STATES OF ATOMIC HYDROGEN BY HIGH ENERGY ELECTRONS.
AD-628 656 7D T 66 07

KING, HARRY G.
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75

KING, D.
THE EFFECT OF RADIATION ON THE DUCTILEBRITTLE TRANSITION IN PRESSURE VESSEL STEELS.
EURAEC-1218 11F U 41 07 HC$ 2.00 MF$ 0.50

KING, E. A.
LIMITED-ENERGY NEUTRON SOURCES PRODUCED BY THE DECAY OF EXCITED NUCLEI.
IDO-17115 20H U 41 07 HC$ 3.00 MF$ 0.75

KING, JEAN I. F.
ERROR ANALYSIS ON INVERSION TECHNIQUES.
N65-25012 4A U 41 07 HC$ 2.00 MF$ 0.50

KING, R. W.
A STUDY OF SOLID-PROPELLANT VAPORIZATION AND DIFFUSION PROCESSES.
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50

KINNEAR, J. K.
RADIO FADING AND THE NATURAL ELECTROMAGNETIC BACKGROUND.
AD-629 319 20N T 66 08

KINSER, D. E.
THE SYNTHESIS OF A LAMINATED PLATE FOR HIGH TEMPERATURE APPLICATION.
N66-10881 20K U 41 08 HC$ 3.00 MF$ 0.75

KINSEY, D. C.
PRODUCTION ENGINEERING MEASURE FOR SUBMINIATURE, TRANSISTOR TYPE POTENTIOMETERS.
AD-628 280 14B T 66 07 HC$ 1.00 MF$ 0.50

KIRBY, MICHAEL J. L.
PROPERTIES OF A GENERALIZED INVERSE WITH APPLICATIONS TO LINEAR PROGRAMMING THEORY.
AD-629 384 12B T 66 08 HC$ 3.60 MF$ 0.50

KIRKLIN, PERRY W.
A HYDROGEN-CONTAINING TRAPPED HOLE CENTER IN MAGNESIUM OXIDE.
AD-629 658 20L T 66 08

KIRK, PHILIP S.
A SURVEY OF ASYMPTOTIC SERIES SOLUTIONS TO THE BOUNDARY LAYER EQUATIONS.
AD-628 287 20D T 66 07 HC$ 3.60 MF$ 0.50

AN APPROXIMATE ANALYTICAL DERIVATION OF SKIN FRICTION AND HEAT TRANSFER IN LAMINAR BINARY BOUNDARY LAYER FLOW.
AD-629 499 20D T 66 08

KIRK, PHILLIP S.
ASYMPTOTIC METHOD OF SOLUTION OF THE FROZEN DISSOCIATED LAMINAR BOUNDARY LAYER FLOW OVER A FLAT PLATE SURFACE WITH ARBITRARILY DISTRIBUTED CATALYCITY.
AD-628 694 20D T 66 07 HC$ 2.00 MF$ 0.50

KIRSCHENBAUM, JAY
FEASIBILITY OF USING ELECTROSTATIC METHODS TO DETECT MOTION OF HUMAN BEINGS OR OTHER NEARBY OBJECTS.
AD-629 104 17F T 66 08 HC$ 2.00 MF$ 0.50

KLAPPSTEIN, H.
DETERMINATION OF SIGHTING ERRORS THROUGH VARIATION OF COLOR AND FORM OF THE SIGHTING MARKS.
AD-628 332 20F T 66 07 HC$ 1.00 MF$ 0.50

KLARER, K. H.
MEASUREMENT OF FREQUENCY DEVIATION.
AD-628 415 14B T 66 07 HC$ 1.00 MF$ 0.50

KLEE, VICTOR
THE D-STEP CONJECTURE FOR POLYHEDRA OF DIMENSION D<6.
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50

KLEINMAN, LEONARD
THEORY OF PHONON-ASSISTED TUNNELING IN SEMICONDUCTORS.
AD-628 445 20L T 66 07

KLEIN, DOLPH
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

KLEMCAT, ALFRED W.
RADIOACTIVE FALLOUT FROM NUCLEAR WEAPONS TESTS.
CONF-765 18H U 41 08 HC$ 6.50 MF$ 3.75

KLENDER, GERALD J.
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

KLEN, LAURA
TELLING A COMPUTER HOW TO EVALUATE MULTIDIMENSIONAL SITUATIONS.
AD-628 564 5H T 66 07

KLEPPNER, D.
HYPERFINE SEPARATION OF DEUTERIUM.
AD-628 465 7D T 66 07

KLIEM, BERND
DEVELOPMENT OF COLOR MARKER HEADS FOR THE 2.75-INCH ROCKET.
AD-629 037 19A T 66 08 HC$ 9.60 MF$ 0.75

KLINCK, G. H.
THE ASSOCIATION OF HYPERTHYROIDISM AND THYROID CANCER.
AD-628 477 6E T 66 07

KLOHN, KENNETH L.
OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM POWER OUTPUT.
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50

KLUNDER, KURT W.
DEVELOPMENT OF THE DRY TAPE BATTERY CONCEPT.
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25

KNAFLICH, H. B.
OBSERVED CHARACTERISTICS OF IONOSPHERIC WINDS.
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50

KNEIZYS, FRANCIS X.
OZONE ABSORPTION IN THE 9.0 MICRON REGION.
AD-628 059 7D T 66 07 HC$ 3.00 MF$ 0.75

KNIGHTON, JAMES B.
PROCESS OF PREPARING THORIUM METAL FROM THE OXIDE.
PATENT 3,219,441 11F U 41 07

KNIGHTON, J. B.
CONSOLIDATION OF LANTHANON FISSION PRODUCTS IN ALLOYS.
ANL-7064 7B U 41 07 HC$ 1.00 MF$ 0.50

KNOBLER, C. M.
REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE.
AD-629 252 7D T 66 08

KNOLLMAN, G. C.
PULSE PROPAGATION IN ANISOTROPIC, RANDOMLY INHOMOGENEOUS MEDIA.
AD-628 468 20N T 66 07

KNOX, LESIS A.
ARRAY PHASING BY VARIABLE-SPEED MAGNETIC DRUMS.
PATENT 3,217,287 9E U 41 07

KNUDSEN, J.
PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50

KOBAYASHI, FRITZ F.
MASS, PERMEABILITY, AND THICKNESS CHANGES IN ABRADED FABRICS.
AD-629 603 11E T 66 08 HC$ 3.00 MF$ 0.75

KOBAYASHI, Y.
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75

KOCH, JERRY A.
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. III. VEGETATION OF NEOTOMA.
TID-21515 6F U 41 08 HC$ 4.00 MF$ 1.25

KOEHLER, J. S.
ELASTIC CENTERS OF STRAIN AND DISLOCATIONS.
AD-628 116 20L T 66 07 HC$ 1.60 MF$ 0.50

KOENIG, DAVID G.
FLIGHT INVESTIGATION OF THE AERODYNAMIC PROPERTIES OF AN OGEE WING.
N66-13017 1C U 41 07 HC$ 1.00 MF$ 0.50

KOENIG, MILTON G.
DIGITAL COMPUTER METHODS IN THE SOLUTION OF BOUNDARY VALUE PROBLEMS FOR THE NATURAL FREQUENCIES OF LAMINATED, ELASTIC, VISCOELASTIC BEAMS HAVING UNSYMETRICAL MOUNTINGS.
AD-629 372 20K T 66 08 HC$ 6.60 MF$ 0.75

KOESTLER, ALFRED G.
THE EFFECT ON THE CHIMPANZEE OF RAPID DECOMPRESSION TO A NEAR VACUUM.
N65-36768 6S U 41 07 HC$ 4.00 MF$ 0.75

KOFFER, KENNETH
NUCLEIC ACID AND PROTEIN CHANGES DURING DEVELOPMENT IN NORMAL AND VISUALLY DEPRIVED RATS.
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50

KOGARKO, S. M.
FLAME PROPAGATION UNDER CONDITIONS OF AN IGNITION PENINSULA OF HYDROGEN-OXYGEN MIXTURES.
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50

KOHLBERG, I.
DEVELOPMENT OF AN IMPROVED LAND-SURFACE FALLOUT MODEL.
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00

KOHNKE, E. E.
PHOTOELECTRONIC ANALYSIS OF IMPERFECTIONS IN GROWN STANNIC OXIDE SINGLE CRYSTALS.
AD-628 643 20B T 66 07

KOHN, J. A.
MIXED-LAYER POLYTYPES RELATED TO MAGNETOPLUMBITE.
AD-628 604 20B T 66 07

KOHN, J. J.
NON-COERCIVE BOUNDARY VALUE PROBLEMS.
AD-628 714 12A T 66 07

KOIDE, S.
EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING.
AD-628 338 20C T 66 07

KOJIMA, T.
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE.
AD-628 862 7D T 66 07

KOK, B.
A STUDY OF THE FEASIBILITY OF DETECTING EXTRATERRESTRIAL LIFE BASED ON THE EXCHANGE BETWEEN WATER AND OXYANIONS AND A STUDY OF ENERGY EXCHANGE IN AUTOTROPHIC LIFE.
N66-10939 6C U 41 08 HC$ 3.00 MF$ 0.75

KOLLER, E. L.
ON THE ANALYSIS OF K AND ETA INTO PI DECAY SPECTRA.
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50

KOLOBKOV, YU. M.
WELDING OF POLYMER FILMS.
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

KOLSRUD, MARIUS
EXACT QUANTUM DYNAMICAL SOLUTIONS FOR OSCILLATOR-LIKE SYSTEMS.
AD-628 414 20J T 66 07

KOLSTOE, RALPH H.
ORDNANCE NIKE DETACHMENT ELECTRONICS MAINTENANCE PERSONNEL. ANALYSIS OF ACTIVITIES WITH IMPLICATIONS FOR TRAINING, MAY 1957.
AD-628 165 5I T 66 07 HC$ 7.60 MF$ 0.75

KOLTHOFF, I. M.
CALIBRATION OF THE GLASS ELECTRODE IN ACETONITRILE. SHAPE OF POTENTIOMETRIC TITRATION CURVES. DISSOCIATION CONSTANT OF PICRIC ACID.
AD-629 614 7D T 66 08

KONOWALOW, DANIEL D.
DETERMINATION AND ASSESSMENT OF MORSE POTENTIAL FUNCTIONS FOR SOME NONPOLAR GASES.
AD-628 480 7D T 66 07

KONOWALOW, D. D.
CENTRAL POTENTIALS FOR POLYATOMIC MOLECULES. A SURVEY OF MORSE POTENTIALS DETERMINED FROM VISCOSITY AND THE SECOND VIRIAL COEFFICIENT.
N66-13082 7C U 41 08 HC$ 1.00 MF$ 0.50

KONRAD, G. T.
INVESTIGATION OF LARGE-SIGNAL KLYSTRON AND TRAVELING-WAVE DEVICES.
AD-628 732 9A T 66 07 HC$ 3.00 MF$ 0.75

KONTARATOS, A. N.
BREAKDOWN VOLTAGE CALCULATION FOR AIR IN UNIFORM FIELDS.
AD-628 347 20C T 66 07

KOPP, MARCEL
MEASUREMENT BY NMR OF THE DIFFUSION RATE OF HF IN ICE.
AD-629 656 7D T 66 08

KOPP, RICHARD E.
NECESSARY CONDITIONS FOR SINGULAR EXTREMALS.
AD-629 021 12B T 66 08

KORMANIK, N.
ICPP PROCESSING OF VBWR STAINLESS STEEL FUEL.
IDO-14658 18J U 41 08 HC$ 2.00 MF$ 0.50

KORNBERG, H. L.
PURIFICATION AND PROPERTIES OF ACYLTRANSFERASES FROM PSEUDOMONAS AERUGINOSA.
AD-628 390 6A T 66 07

KORN, G. A.
HYBRID COMPUTER MONTE-CARLO TECHNIQUES.
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50

KOROLKOFF, NICHOLAS O.
TECHNOLOGY FOR PNP INTEGRATED CIRCUITS.
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50

KORST, H. H.
COMPRESSIBLE NON-ISOENERGETIC TWO-DIMENSIONAL TURBULENT (PR SUB T = 1) JET MIXING AT CONSTANT PRESSURE, AUXILIARY INTEGRALS, HEAT TRANSFER AND FRICTION COEFFICIENTS FOR FULLY DEVELOPED MIXING PROFILES.
AD-629 011 20D T 66 08

KORTANEK, KENNETH O.
A GENERALIZATION OF A THEOREM OF EDMUND EISENBERG.
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50

KOSKI, W. S.
RARE GAS ION REACTIONS WITH AMMONIA.
AD-629 378 7E T 66 08

KOSTAREV, V. V.
THE COORDINATE-DOPPLER METHOD OF WIND OBSERVATION.
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50

KOSTELNICEK, RICHARD J.
THE ADMITTANCE AND RESONANCE PROBE CHARACTERISTICS OF A SPHERICAL PLASMA PROBE.
AD-628 186 20I T 66 07 HC$ 7.60 MF$ 0.75

KOTLYAROV, K. A.
THE USE OF A DEEP-WATER GAMMA RADIOMETER FOR THE MEASUREMENT OF RADIOACTIVITY IN THE OCEAN.
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50

KOTOVSHCHIKOVA, O. A.
WELDING OF POLYMER FILMS.
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

KOVALENKO, G. V.
GEOMAGNETIC FIELD INVERSION (REVERSAL) IN THE LOWER DEVONIAN.
AD-628 786 8N T 66 07 HC$ 1.60 MF$ 0.50

KOVALEVSKAYA, E. I.
STRUCTURAL-MECHANICAL PROPERTIES OF STARCH PASTES.
AD-628 419 6H T 66 07 HC$ 1.00 MF$ 0.50

KOVALEV, E.
RADIATION SAFETY.
AD-629 422 6R T 66 08 HC$ 1.60 MF$ 0.50

KOVALEV, M. P.
DYNAMIC BALANCING OF ROTORS OF GYROSCOPIC SYSTEMS.
AD-628 504 17G T 66 07 HC$29.70 MF$ 1.50

KRAICHNAN, ROBERT H.
ISOTROPIC TURBULENCE AND INERTIAL-RANGE STRUCTURE IN THE ABRIDGED LHDI APPROXIMATION.
AD-628 540 20D T 66 07 HC$ 3.00 MF$ 0.75

DISPERSION OF PARTICLE PAIRS IN HOMOGENEOUS TURBULENCE.
AD-628 541 20D T 66 07 HC$ 1.00 MF$ 0.50

INVARIANCE PRINCIPLES AND APPROXIMATION IN TURBULENCE DYNAMICS.
AD-628 542 20D T 66 07 HC$ 2.00 MF$ 0.50

KRAMER, I. R.
EFFECT OF VACUUM ON THE MECHANICAL BEHAVIOR OF METALS.
AD-628 794 11F T 66 07 HC$ 1.00 MF$ 0.50

VACUUM EFFECTS ON THE TENSILE AND CREEP PROPERTIES OF ALUMINUM.
AD-629 019 11F T 66 08

KRASILSHCHIKOV, L. B.
MAIN GEOPHYSICAL OBSERVATORY (SELECTED ARTICLES).
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50

KRASNOV, NIKOLAI F.
AERODYNAMICS OF BODIES OF REVOLUTION.
AD-629 643 20D T 66 08 HC$ 4.00 MF$ 0.75

KRAUSE, L.
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. IV. ENERGY TRANSFER IN RUBIDIUM -RUBIDIUM COLLISIONS.
AD-628 744 7E T 66 07

SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. III. ENERGY TRANSFER IN CESIUM-CESIUM COLLISIONS.
AD-629 065 7E T 66 08

KRAUS, H.
TRANSIENT VIBRATION OF THIN ELASTIC SHELLS.

AD-628 623 20K T 66 07

KRAUTHAMER, G.
INHIBITION OF NONSPECIFIC SENSORY ACTIVITIES FOLLOWING STRIOPALLIDAL AND CAPSULAR STIMULATION,
AD-629 092 6P T 66 08

KRAUTHAMER, G. M.
ELECTROPHYSIOLOGIC STUDIES OF THE BASAL GANGLIA AND STRIOPALLIDAL INHIBITION OF NON-SPECIFIC AFFERENT ACTIVITY,
AD-629 093 6P T 66 08

KREFFT, H. E.
PRODUCTION ENGINEERING MEASURE FOR A PHASE II SUPER POWER HYDROGEN THYRATRON TUBE.
AD-629 287 9A T 66 08 HC$ 3.00 MF$ 0.75

KREISS, W.
ON THE USE OF INTERMEDIATE INFRARED AND MICROWAVE INFRARED IN WEATHER SATELLITES.
N66-12983 4B U 41 08 HC$ 3.00 MF$ 0.50

KREITER, TIM J.
COMPARISON OF DIRECT AND INDIRECT ASCENT MODES FOR THE 1969 MARS OPPORTUNITY WITH AN ATLAS-CENTAUR LAUNCH VEHICLE.
N66-10607 22C U 41 07 HC$ 1.00 MF$ 0.50

KRIEBEL, C. H.
AN EMPIRICAL STUDY OF SCHEDULING DECISION BEHAVIOR.
AD-629 229 5A T 66 08 HC$ 2.00 MF$ 0.50

KRIEGER, F. J.
RED STAR SERIES ON ATOMIC WEAPONS AND ANTIATOMIC DEFENSE. PART V. ENGINEERING PREPARATION OF THE TERRAIN,
AD-628 726 15F T 66 07 HC$ 1.10 MF$ 0.50

THE THERMODYNAMICS OF THE ZIRCONIA/ZIRCONIUM-OXYGEN VAPOR SYSTEM,
AD-629 570 11B T 66 08 HC$ 2.00 MF$ 0.50

BOOK REVIEW: SOVIET RESEARCH AND DEVELOPMENT: ITS ORGANIZATION, PERSONNEL, AND FUNDS,
AD-629 587 5A T 66 08 HC$ 1.10 MF$ 0.50

KRIEGE, O. H.
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III.
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

KRISHNAN, T.
OBSERVATIONS OF THE SIX MOST INTENSE RADIO SOURCES WITH A 1.0° FAN BEAM,
AD-629 366 3B T 66 08

KRITZ, ARNOLD
MAGNETIC FIELD DIFFUSION ASSOCIATED WITH AN IONIZING SHOCK WAVE INTERACTING WITH AN ELECTROMAGNETIC FIELD.
AD-629 260 20I T 66 08

KROH, HUBERT E.
ASTRIONICS RESEARCH AND DEVELOPMENT.
N65-23781 22C U 41 07 HC$ 4.00 MF$ 0.75

KROLL, M.
DEVELOPMENT OF PROCESSES FOR THE PREPARATION OF URANIUM CARBIDES AS WELL AS CERMETS ON A UC BASE.
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75

KRONENBERG, M. L.
STUDY PROGRAM TO IMPROVE FUEL CELL PERFORMANCE BY PULSING TECHNIQUES.
N66-12168 10B U 41 08 HC$ 3.00 MF$ 0.75

KRONHOLM, MARSHALL B.
SIMULATION STUDIES OF AN INTEGRATED ELECTRONIC VERTICAL DISPLAY.
AD-629 157 1D T 66 08 HC$ 9.60 MF$ 0.75

KROTSOZYNSKI, B. K.
DETECTION AND IDENTIFICATION OF CHEMICAL SIGNATURES.
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75

KROUSE, JOHN R.
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 9.45,
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50

KRUEGER, ROBERT A.
THE REACTIONS OF METHYL- AND N-BUTYLLITHIUM WITH DICHLOROMETHYL METHYL ETHER AND DICHLORODIPHENOXY METHANE,
AD-629 683 7C T 66 08

KRUEGER, T. K.
ATOMIC WAVE FUNCTIONS, COLLISION CROSS-SEC- TIONS, AND TRANSITION PROBABILITIES OF FE IONS,
AD-629 437 3B T 66 08

KRUGER, OWEN L.
PHASE STUDIES OF U20W/O PU-FS ALLOYS.
ANL-6974 18J U 41 08 HC$ 2.00 MF$ 0.50

KRUMBEIN, WILLIAM C.
A SURFACE-FITTING PROGRAM FOR AREALLY-DISTRIBUTED DATA FROM THE EARTH SCIENCES AND REMOTE SENSING,
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00

KRUMBEIN, W. C.
A LOGNORMAL SIZE DISTRIBUTION MODEL FOR ESTIMATING STABILITY OF BEACH FILL MATERIAL.
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50

KRUMHAAP, HANS
UNTERSUCHUNGEN UBER DAS FLATTERN EINES DUNNWANDIGEN, KREISRUNDEN ZYLINDERS ENDLICHER LANGE IN UBERSCHALLSTROMUNG (INVESTIGATION IN FLUTTER OF THIN WALL CIRCULAR CYLINDERS OF FINITE LENGTH IN SUPERSONIC STREAMS),
AD-629 625 20D T 66 08

KSANDA, C. F.
GAMMA-RAY ENERGY PSEUDOSPECTRA FOR U235 FISSION PRODUCTS AND FOR VARIOUS TIMES AFTER FISSION,
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75

KUEHN, H.
DEVELOPMENT OF PROCESSES FOR THE PREPARATION OF URANIUM CARBIDES AS WELL AS CERMETS ON A UC BASE.
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75

KULA, ERIC B.
PLASTIC BEHAVIOR OF METALS AT CRYOGENIC TEMPERATURES.
AD-628 491 20K T 66 07 HC$ 2.00 MF$ 0.50

KULIN, S. A.
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS.
AD-629 061 7D T 66 08 HC$ 3.00 MF$ 0.75

KUMAZAKI, TIAKI
MEASUREMENT OF THE EXCITATION FUNCTION OF N(2+) FIRST NEGATIVE BANDS BY ELECTRON IMPACT.
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50

KUNCHUR, N. R.
STRUCTURES OF MERCURY MERCAPTIDES. PART II. X-RAY STRUCTURAL ANALYSIS OF MERCURY ETHYLMERCAPTIDE.
AD-628 569 20B T 66 07

KUNDU, M. R.
OCCULTATION OF TAURUS-A BY THE SOLAR CORONA AT 430 MC/S IN JUNE 1964,
AD-629 338 3B T 66 08

KUNIN, V. N.
IN INTERNATIONAL SCIENTIFIC ORGANIZATIONS (AUSTRALIAN SYMPOSIUM ON WATER RESOURCES),
AD-628 846 8H T 66 07 HC$ 1.00 MF$ 0.50

KUNTZ, ROBERT E.
ZOOPHILIC SCHISTOSOMIASIS ON TAIWAN: REESTABLISHMENT OF SCHISTOSOMA JAPONICUM SUBSEQUENT TO DRASTIC ALTERATION OF HABITATS BY FLOOD,
AD-628 177 6F T 66 07

ZOOPHILIC SCHISTOSOMIASIS WITH A REPORT OF A NEW LOCALITY ON TAIWAN.
AD-629 099 6C T 66 08

KUNUKKASSERIL, V. X.
TWIST MODULUS FOR A 6-CONSTANT CENTRO-SYMMETRIC CUBIC CRYSTAL,
AD-629 734 20B T 66 08 HC$ 1.00 MF$ 0.50

KUNZE, ALLAN A.
MILITARY COMMUNICATIONS SWITCHING SYSTEM DESIGN.
AD-629 352 17B T 66 08 HC$ 3.00 MF$ 0.75

KUO, SIMION CHAW-YUAN
UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART IV. HIGH FIELD ELECTROPHORESIS OF SOLID SPHERICAL PARTICLES IN LOW CONDUCTIVITY LIQUIDS.
AD-628 617 20D T 66 07 HC$ 4.00 MF$ 0.75

KUO, TZEE-CHAR
A FAMILY OF SPECTRAL OPERATIONS,
AD-629 032 12A T 66 08

KUPKA, IVAN
THE SINGULARITIES OF INTEGRABLE STRUCTURALLY STABLE PFAFFIAN FORMS,
AD-628 425 12A T 66 07

KURILENKO, O. D.
STRUCTURAL-MECHANICAL PROPERTIES OF STARCH PASTES,
AD-628 419 6H T 66 07 HC$ 1.00 MF$ 0.50

KURNIT, N. A.
PHOTON ECHOES.
AD-629 445 20E T 66 08

KUROSAKI, T.
SOME SELECTED SCHIFF-BASE EXCHANGE REACTIONS,
N66-11766 7C U 41 08 HC$ 1.00 MF$ 0.50

KURZIUS, S. C.
CHEMICAL SCAVENGER PROBES IN NONEQUILIBRIUM GASDYNAMICS.
AD-629 248 20D T 66 08

KUSCH, P.
THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES.
AD-628 082 7D T 66 07 HC$ 1.00 MF$ 0.50

KUSHNER, HAROLD J.
SOME PROBLEMS AND SOME RECENT RESULTS IN STOCHASTIC CONTROL,
AD-628 700 12B T 66 07

KUSHNER, H.
STOCHASTIC STABILITY AND THE DESIGN OF FEEDBACK CONTROLS.
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50

KUZMENKO, V. A.
SONIC AND ULTRASONIC OSCILLATIONS DURING DYNAMIC TESTS OF MATERIALS,
AD-628 307 20K T 66 07 HC$21.60 MF$ 1.25

KUZNETSOVA, L. S.
MEASURING DEVICES.
AD-628 310 19D T 66 07 HC$59.10 MF$ 2.50

KUZNIETZ, M.
NUCLEAR RESONANCE IN SHEETS AND POWDERS OF COBALT.
AD-629 255 7D T 66 08

KWIATEK, JACK
PROTONATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES. A NEW SYNTHESIS OF NITRILES.
AD-629 112 7C T 66 08

PREPARATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES.
AD-629 122 7C T 66 08

LACEY, JOHN J.
RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

LACKEY, EARL E.
A METHOD FOR PREDICTING THE PROBABLE FREQUENCY OF DAILY MINIMUM TEMPERATURES FROM SUMMARIZED DATA.
AD-628 766 4B T 66 07 HC$ 3.00 MF$ 0.75

LACKNER, K.
GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

LACOSS, R. T.
GEOMETRY AND PATTERNS OF LARGE APERTURE SEISMIC ARRAYS.
AD-628 148 8K T 66 07 HC$ 8.60 MF$ 0.75

LAFOLLETTE, H. H.
ADVANCED DEVELOPMENT MODELS OF VENTED NICKEL-CADMIUM BATTERIES.
AD-629 419 10C T 66 08 HC$ 4.60 MF$ 0.50

LAGASSE, G. A.
PRODUCTION ENGINEERING MEASURE FOR TYPE CR-(XH-60)/U CRYSTAL UNITS.
AD-629 434 9A T 66 08 HC$ 2.00 MF$ 0.50

LAGERWALL, T.
THE KINETICS OF RARE-GAS DIFFUSION IN SOLIDS. TABLES AND GRAPHS FOR THE EVALUATION OF POST-ACTIVATION DIFFUSION EXPERIMENTS. (RARE-GAS DIFFUSION IN SOLIDS 10).
EURAEC-772 20L U 41 07 HC$ 2.00 MF$ 0.50

LAHMAN, HOWARD S.
DEEP RESISTIVITY INVESTIGATIONS IN THE CONTINENTAL UNITED STATES.
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75

LAHMAN, HOWARD S.
RESULTS OF DEEP RESISTIVITY MEASUREMENTS IN SIX PRECAMBRIAN AREAS OF THE WESTERN U. S.
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50

LAI, CHI-SHING
STRESS ANALYSIS OF REINFORCED CIRCULAR AND RECTANGULAR FLAT PLATES.
ANL-7089 20K U 41 08 HC$ 2.00 MF$ 0.50

LAI, J. S. Y.
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

LAKEY, L. T.
DEVELOPMENT OF A CONTINUOUS ELECTROLYTIC PROCESS FOR RECOVERY OF URANIUM FROM HIGH-ENRICHED STAINLESS STEEL AND NICHROME FUELS.
IDO-14643 18J U 41 07 HC$ 3.00 MF$ 0.75

LALL, P. S.
TRANSIENT COOLING OF A SPHERICAL MASS OF HIGH-TEMPERATURE GAS BY THERMAL RADIATION.
AD-629 420 20M T 66 08

LAMBEK, CARYL
IN VIVO EFFECT OF NALIDIXIC ACID (NEGGRAM) ON THE DNA OF HUMAN DIPLOID CELLS IN TISSUE CULTURE.
AD-628 587 6O T 66 07

LAMBERT, L. M.
OPTICAL ABSORPTION IN AN ELECTRIC FIELD IN SEMI-INSULATING GALLIUM ARSENIDE.
AD-629 150 20L T 66 08

LAMB, E.
RECOVERY OF 137 CS FROM FISSION-PRODUCT WASTES AND TRANSPORT BY AN ALUMINOSILICATE ION EXCHANGER.
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50

LAMB, HERBERT C.
FAMILY SHELTER WOOD A-FRAME.
AD-629 736 15C T 66 08 HC$ 1.60 MF$ 0.50

LAMB, LAWRENCE E.
HYPOKINESIA SECONDARY TO CHAIR REST FROM 4 TO 10 DAYS.
AD-628 314 6S T 66 07

LAMPSON, C. W.
RESUME OF THE THEORY OF PLANE SHOCK AND ADIABATIC WAVES WITH APPLICATIONS TO THE THEORY OF THE SHOCK TUBE.
AD-629 328 19D T 66 08 HC$ 6.60 MF$ 0.75

LANDON, MARVIN M.
ECCRINE SWEAT GLAND ACTIVITY AND RACIAL DIFFERENCES IN RESTING SKIN CONDUCTANCE.
AD-628 752 6E T 66 07

LANDRUM, EMMA JEAN
DRAG CHARACTERISTICS OF A SERIES OF LOW-DRAG BODIES OF REVOLUTION AT MACH NUMBERS FROM 0.6 TO 4.0.
N66-13236 20D U 41 07 HC$ 2.00 MF$ 0.50

LANDS, LARRY
PRODUCTION ENGINEERING MEASURE (PEM) FOR TRANSISTOR, PNP, SILICON, SWITCHING TYPE EL-2N(X-12).
AD-628 128 9A T 66 07 HC$ 2.00 MF$ 0.50

LANE, NEAL F.
ELECTRON EXCITATION CROSS SECTION OF THE 3-DOUBLET-S TO 3-DOUBLET-P TRANSITION OF SODIUM.
AD-628 406 7D T 66 07

LANGENECKER, B.
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 4. INTERNAL FRICTION AND CRYSTAL PLASTICITY IN INTENSE ULTRASONIC FIELDS.
AD-462 609 11F U 41 07 HC$ 1.00

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 3. ACOUSTIC SOFTENING AT HIGH STRAIN RATES.
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 5. DISCUSSION.
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50

LANGE, E. A.
FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CB-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

LANGE, P. W.
A DIFFERENTIATION IN RNA RESPONSE IN NEURONS EARLY AND LATE DURING LEARNING.
AD-628 365 6A T 66 07

LANGRETH, DAVID C.
HALL COEFFICIENT OF HUBBARD'S MODEL.
AD-629 433 20L T 66 08 HC$ 1.00 MF$ 0.50

LANGSTON, JOANN H.
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75

LANTZ, P. A.
A SHORTENED HORN-REFLECTOR ANTENNA.
N66-11221 9F U 41 08 HC$ 1.00 MF$ 0.50

LAPIN, I.
MEDICINE IMPROVES THE STATE OF MIND.
AD-629 411 6O T 66 08 HC$ 1.10 MF$ 0.50

LARIONOVA, A. N.
TRAVELING ON THE BOTTOM OF THE SEA; HOW THE RELIEF OF OCEAN AND SEA BOTTOM IS FORMED.
AD-628 192 8J T 66 07 HC$ 5.60 MF$ 0.50

LAROCQUE, ARMAND P.
TECHNOLOGY FOR PNP INTEGRATED CIRCUITS.
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50

LARRABEE, J. C.
RARE GAS CONTINUUM LIGHT SOURCES FOR PHOTOELECTRIC SCANNING IN THE VACUUM ULTRAVIOLET.
AD-629 710 20F T 66 08

LARSEN, RON
ON FUNCTIONS WITH FOURIER TRANSFORMS IN L(P).
AD-629 619 12A T 66 08

LARSEN, STUART E.
EXPERIMENTAL DETERMINATION OF PRESSURE DISTRIBUTION OVER SLENDER CONES AT ANGLES OF ATTACK AT MACH 14.
AD-628 549 20D T 66 07 HC$ 4.60 MF$ 0.50

LARSON, HAROLD J.
CONDITIONAL DISTRIBUTION OF TRUE RELIABILITY AFTER CORRECTIVE ACTION.
AD-629 084 14D T 66 08 HC$ 1.60 MF$ 0.50

LARSON, J. W.
ELECTRICALLY-PROPELLED CARGO VEHICLE FOR SUSTAINED LUNAR SUPPLY OPERATIONS.
N66-10612 22B U 41 08 HC$ 6.00 MF$ 1.25

RESEARCH ON SPACECRAFT AND POWERPLANT INTEGRATION PROBLEMS SPACECRAFT ANALYSIS.
N66-10713 22B U 41 08 HC$ 5.00 MF$ 1.25

LASSETTRE, EDWIN N.
INTENSITY DISTRIBUTION IN THE ELECTRON-IMPACT SPECTRUM OF CARBON MONOXIDE AT HIGH-RESOLU- TION AND SMALL SCATTERING ANGLES.
AD-629 613 7D T 66 08

LASSETTRE, E. N.
ELECTRON-IMPACT ENERGY SPECTRA OF ACETONE AND 2-BUTANONE.
AD-628 904 7D T 66 08

LASTER, STANLEY J.
BASIC RESEARCH IN CRUSTAL STUDIES.
AD-628 385 8K T 66 07 HC$39.20 MF$ 1.75

LATHROP, K. D.
DTF-IV-A FORTRAN-IV PROGRAM FOR SOLVING THE MULTIGROUP TRANSPORT EQUATION WITH ANISOTROPIC SCATTERING.
LA-3373 9B U 41 07 HC$ 4.00 MF$ 1.00

LATOURRETTE, J. T.
SESSION P-3: QUANTUM ELECTRONICS GENER- ATION. P-3.3: FREQUENCY STABILIZATION OF GAS LASERS.
AD-629 158 20E T 66 08

LAUER, D. T.
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA.
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

LAUMETS, E.
GAMMA-RAY ENERGY PSEUDOSPECTRA FOR U235 FISSION PRODUCTS AND FOR VARIOUS TIMES AFTER FISSION.
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75

LAURA, PATRICIO A.
CONFORMAL MAPPING OF A CLASS OF DOUBLY CONNECTED REGIONS.
N65-20795 12A U 41 07 HC$ 3.00 MF$ 0.75

LAURENCE, JAMES C.
MAGNETIC FIELDS DUE TO SOLID AND HOLLOW CONICAL CONDUCTORS.
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00

LAURIENTE, M.
PLANAR INTEGRATION OF THIN FILM UNITS.
AD-455 010 9A U 41 08 HC$ 3.60

LAVENDER, ROBERT E.
MONTE CARLO APPROACH TO TOUCHDOWN DYNAMICS FOR SOFT LUNAR LANDING.
N66-10749 22A U 41 07 HC$ 3.00 MF$ 0.50

LAWRENCE, THOMAS R.
INVESTIGATION OF THE DYNAMIC PROPERTIES OF PHASE TRANSITIONS OF ORDERED MAGNETIC STATES.
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75

LAYNE, ROBERT S.
THE AUDITORY EVOKED RESPONSE AS A DIAGNOSTIC AND PROGNOSTIC MEASURE IN SCHIZOPHRENIA.
AD-628 371 6E T 66 07

LAYNE, RONALD P.
VAPOR-SPACE-CORROSION INHIBITED OILS FOR USE IN STEAM-TURBINE LUBRICATING SYSTEMS.
AD-628 838 11H T 66 07 HC$ 4.60 MF$ 0.50

LAYTON, L. L.
NUMERICAL DETERMINATION OF SPHEROIDAL WAVE FUNCTION EIGENVALUES AND EXPANSION COEFFICIENTS.
AD-628 760 12A T 66 07 HC$ 5.00 MF$ 1.00

LAZARUS, R. B.
COMPUTATION OF FAST NEUTRON PENETRATION IN AIR BY THE SN-METHOD WITH SPECIAL EMPHASIS ON THE USE OF MULTI-TABLE-MULTI- GROUP CROSS SECTION SETS.
LA-3415 20H U 41 08 HC$ 3.00 MF$ 0.75

LEACH, C. E.
SWISSCHEESE. A 7090 FORTRAN IV CODE FOR THERMAL-HYDRAULIC ANALYSIS OF GAS-COOLED NUCLEAR REACTORS.
BNWL-147 9B U 41 08 HC$ 3.00 MF$ 0.75

LEADBETTER, A. J.
TEMPERATURE FACTORS AND THERMODYNAMIC PROPERTIES OF CRYSTALS.
AD-629 745 20B T 66 08

LEAMER, BRUCE V.
THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS.
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

LEARY, GEORGE A.
ULTRASOUND AND PHAKOMETRY MEASUREMENTS OF THE PRIMATE EYE.
AD-629 079 6C T 66 08 HC$ 2.00

LEBOWITZ, J. L.
MICROSCOPIC THEORY OF BROWNIAN MOTION IN AN OSCILLATING FIELD: CONNECTION WITH MACRO- SCOPIC THEORY.
AD-628 252 20H T 66 07

LECHNER, THOMAS J.
LOW PRESSURE SIGNAL SENSOR AMPLIFIER AND ANALOG COMPUTER USING THE IMPACT MODULATOR AS THE BASIC ACTIVE PURE FLUID DEVICE. PART I. ANALOG COMPUTER.
AD-629 055 13G T 66 08 HC$ 3.00 MF$ 0.75

LOW PRESSURE SIGNAL SENSOR AMPLIFIER AND ANALOG COMPUTER USING THE IMPACT MODULATOR AS THE BASIC ACTIVE PURE FLUID DEVICE. PART II. LOW PRESSURE SIGNAL SENSOR AMPLIFIER.
AD-629 056 13G T 66 08 HC$ 1.00 MF$ 0.50

LEDERBERG, J.
A SUBALGOL PROGRAM FOR CALCULATION OF MOLECULAR COMPOSITIONAL FORMULAS FROM MASS SPECTRAL DATA.
N66-11669 7D U 41 08 HC$ 1.00 MF$ 0.50

LEDOUX, F. N.
HANDLING, CLEANING, DECONTAMINATION AND ENCAPSULATION OF MOSFETS CIRCUITRY.
N66-11233 13H U 41 08 HC$ 2.00 MF$ 0.50

LEEN, M.
INFLUENCE OF ATMOSPHERIC TURBULENCE ON AZIMUTH LAYING TECHNIQUES.
N66-10884 17G U 41 08 HC$ 5.00 MF$ 1.00

LEE, DONALD A.
CALCULATIONS CONCERNING ELECTRICAL BREAKDOWN INDUCED BY THE MELTING OF MICROSCOPIC PROJECTIONS.
AD-628 114 20C T 66 07 HC$ 2.00 MF$ 0.50

LEE, EDWARD T. P.
THEORY OF THE EXCITATION OF THE 4686-A LINE OF HE(+) BY ELECTRON IMPACT.
AD-628 407 7D T 66 07

LEE, H. S.
THE MEASUREMENT OF PHASE AND AMPLITUDE RADIO WAVE INTERACTION AT UNIVERSITY PARK, PENNSYLVANIA, JULY - AUGUST - SEPTEMBER, 1965.
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50

LEE, J. S.
EFFECT OF IRRADIATION ON THE MICROBIAL FLORA SURVIVING IRRADIATION PASTEURIZATION OF SEAFOODS.
TID-22289 6H U 41 08 HC$ 3.00 MF$ 0.50

LEE, KUNG-YOU
LIQUID MHD POWER CYCLE STUDIES.
ANL-6954 20I U 41 08 HC$ 3.00 MF$ 0.75

LEE, K. P.
VIBRATIONAL RELAXATION IN CARBON DIOXIDE/WATER-VAPOR MIXTURES.
AD-628 572 7D T 66 07

LEE, Y. S.
STRESS-STRAIN BEHAVIOR OF AN INERT COMPOSITE PROPELLANT FOR MULTIAXIAL LOADING CONDITIONS.
N66-10614 21I U 41 08 HC$ 2.00 MF$ 0.50

LEGAN, ROBERT L.
LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

LEGAN, R. W.
ICPP PROCESSING OF VBWR STAINLESS STEEL FUEL.
IDO-14658 18J U 41 08 HC$ 2.00 MF$ 0.50

LEGVOLD, SAM
SOUND ABSORPTION IN BINARY MIXTURES OF HALOMETHANE GASES.
AD-628 426 7D T 66 07

SOUND ABSORPTION IN SUBSTITUTED METHANE -INERT-GAS MIXTURES.
AD-628 830 7D T 66 07

SOUND DISPERSION IN BINARY MIXTURES OF HALOMETHANE GASES.
AD-629 531 7D T 66 08

LEHMAN, G.
DIRECTIONAL GLIDE-SLOPE ANTENNA SYSTEM.
PB-169 196 17G U 41 07 HC$ 2.00 MF$ 0.50

LEITCH, JAMES L.
A FORTRAN IV PROGRAM FOR THE EVALUATION OF POST-IRRADIATION SURVIVAL TIMES.
UCLA-12-573 9B U 41 07 HC$ 2.00 MF$ 0.50

LEITMANN, G.
ON THE GEOMETRY OF OPTIMAL PROCESSES, PART III.
AD-629 000 12B T 66 08 HC$ 6.60 MF$ 0.75

LEMAR, RALPH L.
EFFECT OF WATER AND PARTICULATE CONTAMINATES ON POLYMER SHEAR STABILITY.
AD-628 073 1H T 66 07 HC$ 1.00 MF$ 0.50

LENNON, CARL L.
SPECTRUM SIGNATURE OF RADIO SET AN/GRC-27A.
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75

LENN, P. D.
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

LEONARD, REGIS F.
ELASTIC AND INELASTIC SCATTERING OF 40-MEV ALPHA PARTICLES FROM EVEN TIN ISOTOPES.
N65-35839 20H U 41 07 HC$ 2.00 MF$ 0.50

LEONE, F. C.
CUMULATIVE SUM CONTROL CHARTS. MATHEMATICAL PRINCIPLES APPLIED TO THEIR CONSTRUCTION AND USE, PARTS I-III.
AD-628 431 12A T 66 07

EXACT POWER OF SOME QUICK TESTS BASED ON MOOD'S AND MASSEY'S STATISTICS.
AD-629 256 12A T 66 08

LEONE, P. F.
STUDY OF TANDEM ROTOR HELICOPTER DYNAMICS FOLLOWING POWER FAILURE AT HIGH SPEED.
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50

LEONG, GEORGE F.
RECOVERY FROM RADIATION INJURY IN DOGS AS EVALUATED BY THE SPLIT-DOSE TECHNIQUE.
AD-628 791 6R T 66 07 HC$ 2.00 MF$ 0.50

CELL PROLIFERATION AND DNA SYNTHESIS AFTER UNILATERAL NEPHRECTOMY AS RELATED TO AGE.
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50

LEOPOLD, L.
THE DESIGN OF AN OMNIDIRECTIONAL ANTENNA SYSTEM FOR THE APOLLO SPACECRAFT.
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25

LEO, G. H.
DEVELOPMENT OF CONTROLLED IMPULSE TECHNIQUE FOR IN SITU TESTING OF ROCK.
AD-628 860 8G T 66 07 HC$ 3.00 MF$ 0.75

LESLIE, CHARLES B.
SPAR HYDROPHONE CALIBRATION SYSTEM.
AD-628 486 9E T 66 07 HC$ 1.60 MF$ 0.50

SPAR ACOUSTIC SIGNAL AMPLIFICATION SYSTEM.
AD-628 487 9A T 66 07 HC$ 3.60 MF$ 0.50

THE SPAR HYDROPHONES.
AD-628 488 9A T 66 07 HC$ 2.60 MF$ 0.50

LESSEN, MARTIN
STABILITY OF HAGEN-POISEUILLE FLOW.
AD-629 321 20D T 66 08

LESSEN, M.
ON THE INVISCID STABILITY OF THE LAMINAR MIXING OF TWO PARALLEL STREAMS OF A COMPRESSIBLE FLUID.
AD-629 322 20D T 66 08

THE INSTABILITY OF INVISCID JETS AND WAKES IN COMPRESSIBLE FLUID.
AD-629 323 20D T 66 08

LESSLEY, R. L.
SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME III. DYNAMIC SLINGER.
N65-17272 18N U 41 07 HC$ 3.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME IV. INTEGRATED SEAL SIMULATOR.
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50

LETHBRIDGE, MAE D.
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

LETTVIN, J. Y.
OCTOPUS OPTIC RESPONSES.
AD-628 743 6C T 66 07

LEUSINK, A. J.
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

LEVANDOSKI, N.
ASCORBIC ACID, BIOLOGICAL FUNCTION AND CHEMISTRY.
AD-466 647 6A U 41 08 HC$ 1.00 MF$ 0.50

LEVEILLE, GILBERT A.
ADAPTIVE CHANGES IN ENZYME ACTIVITY AND METABOLIC PATHWAYS IN ADIPOSE TISSUE FROM MEAL-FED RATS.
AD-629 329 6A T 66 08

LEVEILLE, G. A.
INFLUENCE OF PERIODICITY OF EATING ON ADIPOSE TISSUE METABOLISM IN THE RAT.
AD-628 963 6P T 66 08

LEVER, R. F.
VAPOR TRANSPORT AND THERMODYNAMIC EQUILIBRIA IN THE GERMANIUM-GALLIUM-IODINE SYSTEM.
AD-629 291 20L T 66 08

LEVICH, V. G.
THEORY OF COAGULATION AND PRECIPITATION OF PARTICLES OF AEROSOL IN TURBULENT FLOW OF GAS. ON THE COEFFICIENT OF CAPTURE OF AEROSOL PARTICLES.
AD-629 045 7D T 66 08 HC$ 1.00 MF$ 0.50

LEVINA, E. N.
ANTIGENIC STRUCTURE OF THE VACCINE STRAIN OF BAC. ANTHRACIS.
AD-628 492 6M T 66 07 HC$ 1.10 MF$ 0.50

LEVINE, JUDAH
METASTABLE TRIPLET-P2 RARE GAS POLARIZABILITIES.
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

LEVINE, J. D.
ADSORPTION OF CESIUM ON INSULATORS.
N66-12163 20J U 41 08 HC$ 2.00 MF$ 0.50

LEVINSON, D. B.
RELIABILITY ASSESSMENT OF THE GEOS A POWER SUPPLY.
N66-12868 22A U 41 08 HC$ 1.00 MF$ 0.50

LEVIN, J. J.
PERTURBATIONS OF A NONLINEAR VOLTERRA EQUATION.
AD-628 088 12A T 66 07

LEVI, VICTOR
STRUCTURAL SUBASSEMBLAGES PREVENTED FROM SWAY.
AD-628 209 13B T 66 07

LEVSHIN, V. L.
METHODS OF SPECTRAL ANALYSIS. GENERAL INFORMATION ON LUMINESCENCE AND ITS ANALYSIS.
AD-629 671 7E T 66 08 HC$ 1.60 MF$ 0.50

LEVY, A.
A STUDY OF SOLID-PROPELLANT VAPORIZATION AND DIFFUSION PROCESSES.
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50

LEVY, JOSEPH B.
A STUDY OF THE HYDROGEN-FLUORINE REACTION.
AD-628 923 7B T 66 08 HC$ 1.10 MF$ 0.50

LEWIS, D. C.
ADVANCE RESEARCH ON CONTROL SYSTEMS FOR THE SATURN LAUNCH VEHICLE.
N66-10639 22B U 41 08 HC$ 6.00 MF$ 1.25

LEWIS, HENRY F.
PROPERTY INVESTIGATION OF COPPER BASE ALLOYS AT AMBIENT AND ELEVATED TEMPERATURES.
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50

LEWIS, JAMES W. L.
VIBRATIONAL RELAXATION IN CARBON DIOXIDE/WATER-VAPOR MIXTURES.
AD-628 572 7D T 66 07

LEWIS, R. E.
RECOVERY OF 137 CS FROM FISSION-PRODUCT WASTES AND TRANSPORT BY AN ALUMINOSILICATE ION EXCHANGER.
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50

LEW, H. G.
NONSIMILAR MIXING OF CHEMICALLY REACTING STREAMS.
AD-628 629 20D T 66 07 HC$ 2.00 MF$ 0.50

LEYSHON, L. J.
THE PHOTOCHEMICAL REACTION OF HYDROGEN PEROXIDE WITH ALLYL ALCOHOL-3,3-D2.
AD-628 086 7E T 66 07

LIBAY, J. L.
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, R. P. II. A COMPREHENSIVE MOSQUITO SURVEY.
AD-628 105 6F T 66 07 HC$14.60 MF$ 1.00

LIBBY, RICHARD
RUSSIAN STENOTYPE EQUIPMENT. VOLUME I. RUSSIAN STENOTYPE SYSTEMS CODES, COMPUTER SYSTEMS, AND TRAINING.
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN STENOTYPE EQUIPMENT. VOLUME II. RUSSIAN STENOTYPE TERMINAL EQUIPMENT AND INPUT MULTIPLEXING.
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME III. RUSSIAN STENOTYPE TRAINING AND EVALUATION MACHINE.
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME IV. INSTRUCTOR'S TRAINING MANUAL FOR RUSSIAN STENOTYPE.
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75

LIBERMAN, I.
INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 558 17B T 66 08 HC$ 4.00 MF$ 1.00

LIBERTY, PAUL G.
SET AND CONTENT SCORES FOR PERSONALITY SCALES AND RESPONSE STYLES IN THE MMPI.
AD-628 951 5J T 66 08

LIBOVICZ, BASIL A.
SHELTER PACKAGE VENTILATION KIT.
AD-629 633 13A T 66 08 HC$ 4.00 MF$ 0.75

LIEBERT, CURT H.
SPECTRAL EMITTANCE OF ALUMINUM OXIDE AND ZINC OXIDE ON OPAQUE SUBSTRATES.
N66-10339 11C U 41 07 HC$ 1.00 MF$ 0.50

LIEBMANN, B.
PRODUCTION OF UO2 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

PRODUCTION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

LIECHENSTEIN, M. I.
EVALUATION OF THE DETERMINANTAL POLYNOMIAL OF A MATRIX OF POLYNOMIAL ELEMENTS AND AN APPLICATION TO AMTI RADAR.
AD-628 554 17I T 66 07 HC$ 4.00 MF$ 1.00

LIE, T. J.
THERMODYNAMIC PROPERTIES OF AN ELECTRON PLASMA.
AD-628 317 20I T 66 07 HC$ 3.60 MF$ 0.50

LIFSEY, J. DAVID
AUXILIARY ESTIMATING FUNCTIONS FOR DOUBLY TRUNCATED NORMAL SAMPLES.
N65-25347 12A U 41 07 HC$ 3.00 MF$ 0.50

LILLYWHITE, M. A.
ULTRAVIOLET DEGRADATION STUDY.
N66-11226 20M U 41 08 HC$ 1.00 MF$ 0.50

LILLY, JOHN C.
ANIMALS IN AQUATIC ENVIRONMENTS: ADAPTATION OF MAMMALS TO

THE OCEAN.
AD-628 408 8A T 66 07

LIMBERIS, W. R.
SQUARE-TO-SINE WAVE FILTER,
N66-11212 9F U 41 08 HC$ 1.00 MF$ 0.50

DESIGN OF A MEDIUM POWER DC TO 115 VOLT, 60 HERTZ AC INVERTER,
N66-11217 10A U 41 08 HC$ 1.00 MF$ 0.50

LIN, Y. K.
SATELLITE OBSERVATIONS OF LOW-ENERGY PRIMARY COSMIC RAY NUCLEI OF CHARGES Z > OR= 6.
AD-628 631 4A T 66 07

LINDBLAD, N. R.
AN APPARATUS TO STUDY THE COLLISION AND COALESCENCE OF LIQUID AEROSOLS,
AD-628 451 13G T 66 07

LINDGREN, E. RUNE
VISCOSITY STUDIES ON DISTILLED WATER AND WEAK SOLS OF POLYETHYLENOXIDE USING THE FALLING CYLINDER VISCOMETER AT OKLAHOMA STATE UNIVERSITY.
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50

LINDNER, MANFRED
RADIOCHEMICAL PURIFICATION PROCEDURES FOR THE ELEMENTS,
UCRL-14258 7B U 41 08 HC$ 4.00 MF$ 1.00

LINDOW, BRUCE G.
ANALYSIS OF LOW-TEMPERATURE DIRECT-CONDENSING VAPOR-CHAMBER FIN AND CONDUCTING FIN RADIATORS.
N66-10748 22B U 41 07 HC$ 3.00 MF$ 0.50

LINDQVIST, MARGIT
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS,
AD-628 741 6P T 66 07

LINDSAY, IAN R.
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

LINKLETTER, D.
THE EFFECT OF X-RADIATION ON THE CELL SIZE DISTRIBUTION OF THYMUS LYMPHOCYTES,
AD-628 121 6R T 66 07

LINNENBOM, V. J.
STATISTICAL EVALUATION OF GAS CHROMATOGRAPHY FOR THE DETERMINATION OF DISSOLVED GASES IN SEA WATER.
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50

LINTZ, RUBENS G.
GENERALIZATION OF THE CONCEPT OF CONTINUOUS FUNCTION AND HOMEOMORPHISM,
AD-629 604 12A T 66 08

LIN, CHUN C.
ELECTRON EXCITATION CROSS SECTION OF THE 3-DOUBLET-S TO 3-DOUBLET-P TRANSITION OF SODIUM,
AD-628 406 7D T 66 07

THEORY OF THE EXCITATION OF THE 4686-A LINE OF HE(+) BY ELECTRON IMPACT,
AD-628 407 7D T 66 07

LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE.
AD-628 862 7D T 66 07

LIN, D. L.
INFLUENCE OF MULTIPLE VIRTUAL TRANSITIONS ON THE REORIENTATION EFFECT IN COULOMB EXCITATION,
AD-629 650 20H T 66 07

LIN, E. K.
SPECTROSCOPIC FACTORS FROM DEUTERON STRIPPING REACTIONS LEADING TO GROUND AND FIRST EXCITED STATES OF EVEN SPHERICAL NUCLEI.
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50

LIN, R. Y.
DIELECTRIC CONSTANT OF HYDROGEN-BONDED LIQUIDS. IV. EQUILIBRIUM AND RELAXATION STUDIES OF HOMOLOGOUS NEO-ALCOHOLS,
AD-628 410 7D T 66 07

LIN, W.
THE PHASE EQUILIBRIA AND CRYSTAL CHEMISTRY OF THE RARE EARTH GROUP VI SYSTEMS. III. NEODYMIUM-TELLURIUM,
AD-628 455 20L T 66 07

LIPSKII, YU. N.
SOME NEW DATA ABOUT THE INVISIBLE SIDE OF THE MOON,
AD-628 534 3A T 66 07 HC$ 1.00 MF$ 0.50

LISTENGURT, F. M.
A CONSIDERATION OF CERTAIN PREREQUISITES FOR THE INDUSTRIAL DEVELOPMENT OF SMALL AND MEDIUM-SIZE CITIES IN THE CENTRAL ECONOMIC REGION,
AD-628 844 8F T 66 07 HC$ 1.00 MF$ 0.50

LISZKA, LUDWIK
A STUDY OF SOME PROPERTIES OF DIFFRACTION PATTERNS PRODUCED BY RADIO WAVES FROM ARTIFICIAL SATELLITES.
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50

LITTLE, A. G.
STRUCTURE OF THE CENTRAL COMPONENT OF CENTAURUS A,
AD-629 290 3B T 66 08

LITTLE, J. C.
SIGNIFICANT PARAMETERS OF CLEAN ROOM DESIGN.
Y-EA-37 14B U 41 08 HC$ 2.00 MF$ 0.50

LITTRELL, ROBERT M.
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES.
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

LITZLER, T. C.
NUCLEAR ROCKET SIMULATOR TESTS FLOW INITIATION WITH TURBINE ACCELERATED TANK PRESSURE 80 PSIA, RUN 11,
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75

LITZ, LAWRENCE M.
MINIATURE HYDROGEN GENERATOR,
AD-628 499 10B T 66 07 HC$ 4.60 MF$ 0.75

LIU, A. S.
CAPABILITY GUIDE- TRACKING ACCURACY PREDICTION PROGRAM / TAPP MOD I/,
N66-10662 22C U 41 08 HC$ 4.00 MF$ 1.00

LIU, BOWEN
DIRECT CALCULATION OF CONTRIBUTIONS TO THE SECOND-ORDER ENERGY OF HELIUM,
AD-628 481 7D T 66 07

LIU, C. H.
CROSS-CORRELATION FUNCTIONS OF SPHERICAL WAVES PROPAGATING THROUGH A SLAB CONTAINING ANISOTROPIC IRREGULARITIES,
N66-11763 20N U 41 08 HC$ 1.00 MF$ 0.50

LIU, TENG-SUN
ON FUNCTIONS WITH FOURIER TRANSFORMS IN L(P),
AD-629 619 12A T 66 08

LIU, TING-YUNG
STABILITY OF HAGEN-POISEUILLE FLOW,
AD-629 321 20D T 66 08

LIVINGOOD, J. N. B.
NUCLEAR ROCKET SIMULATOR TESTS, FLOW INITIATION WITH NO TURBINE GAS TANK PRESSURE, 35 PSIA RUN 1,
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50

LIWSHITZ, M.
NEUTRAL HYDROGEN IN THE EARTH'S ATMOSPHERE ABOVE 120 KM,
N66-10430 4A U 41 08 HC$ 2.00 MF$ 0.50

LI-SHOO, CHENG
ON THE EFFECTS OF THE VERTICAL WIND SHEAR ON THE DEVELOPMENT AND STRUCTURE OF CONVECTION,
AD-628 223 4B T 66 07 HC$ 1.00 MF$ 0.50

LI, TING YI
AN APPROXIMATE ANALYTICAL DERIVATION OF SKIN FRICTION AND HEAT TRANSFER IN LAMINAR BINARY BOUNDARY LAYER FLOW.
AD-629 499 20D T 66 08

LI, TING Y.
A SURVEY OF ASYMPTOTIC SERIES SOLUTIONS TO THE BOUNDARY LAYER EQUATIONS.
AD-628 287 20D T 66 07 HC$ 3.60 MF$ 0.50

ASYMPTOTIC METHOD OF SOLUTION OF THE FROZEN DISSOCIATED LAMINAR BOUNDARY LAYER FLOW OVER A FLAT PLATE SURFACE WITH ARBITRARILY DISTRIBUTED CATALYCITY.
AD-628 694 20D T 66 07 HC$ 2.00 MF$ 0.50

LLOYD, KENNETH E.
SHORT-TERM RETENTION AS A FUNCTION OF ITEM FREQUENCY,
AD-629 382 5J T 66 08

SHORT-TERM RETENTION AS A FUNCTION OF WORD FREQUENCY,
AD-629 383 5J T 66 08

NOTE ON INDIVIDUAL STORAGE LOADS AND INDIVIDUAL LOAD REDUCTIONS,
AD-629 697 5J T 66 08

LLOYD, SYBIL
A RELATIONSHIP BETWEEN ADRENALINE AND THE MODE OF ACTION OF OXYTOCIN AND OESTROGEN ON VASCULAR SMOOTH MUSCLE,
AD-628 389 6P T 66 07

LOAO, ELIZABETH C.
GENERAL METHOD FOR ANALYZING REFRACTORY METAL ALLOYS USING THE VACUUM CUP ELECTRODE,
TIN-904 7D U 41 08 HC$ 2.00 MF$ 0.50

LOCHHEAD, JOHN L.
CARTRIDGE FEEDING MECHANISM FOR FIXEDBARREL, SLIDE-OPERATED GUNS.
PATENT 3,221,603 19F U 41 07

LOCKE, EDWIN A.
INTERACTION OF ABILITY AND MOTIVATION IN PERFORMANCE,
AD-628 244 5J T 66 07

LOCKY, JAMES A.
CATALOG OF NUCLEAR REACTOR CONCEPTS. PART I. HOMOGENEOUS AND QUASI-HOMOGENEOUS REACTORS. SECTION III. REACTORS FUELED WITH MOLTEN-SALT SOLUTIONS,
ANL-7092 21F U 41 08 HC$ 3.00 MF$ 0.75

LOEWY, ROBERT G.
A THEORY FOR PREDICTING THE ROTATIONAL NOISE OF LIFTING ROTORS IN FORWARD FLIGHT, INCLUDING A COMPARISON WITH EXPERIMENT.
AD-629 646 20A T 66 08 HC$11.60 MF$ 0.75

LOGAN, FRANK G.
CONTROL APPARATUS FOR BALANCING VOLTAGE DROPS ACROSS SERIES TRANSISTORS.
PATENT 3,217,186 9A U 41 07

LOMONT, J. S.
A FOURIER THEOREM AND ITS APPLICATION TO THE MEASUREMENT OF ELECTROMAGNETIC FIELDS AND QUANTUM MECHANICAL STATES.
AD-407 604 20C U 41 07 HC$ 1.00

LONGE, PIERRE
SOFT X-RAY EMISSION SPECTRUBY F METALS,
AD-629 149 7D T 66 08

LONGLEY, WILLIAM W.
EXTREME VACUUM TECHNOLOGY DEVELOPMENTS,
N65-36766 14B U 41 07 HC$ 2.00 MF$ 0.50

LONG, BARBARA H.
SOME CORRELATES OF THE DON'T-KNOW RESPONSE IN OPINION QUESTIONNAIRES,
AD-629 147 5J T 66 08

LONG, ROBERT E.
THE CRYSTAL AND MOLECULAR STRUCTURE OF 7,7,8,8-TETRACYANOQUINODIMETHANE,
AD-629 698 20B T 66 08

LOPER, F. C.
NUMERICAL INTEGRATION OF FIRST-ORDER STIFF DIFFERENTIAL EQUATIONS.
AD-628 091 12A T 66 07 HC$ 1.00 MF$ 0.50

LORDI, J. A.
ESTIMATES OF NONEQUILIBRIUM IONIZATION PHENOMENA IN THE INVISCID APOLLO PLASMA SHEATH,
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75

LORD, FREDERIC M.
A STRONG TRUE-SCORE THEORY, WITH APPLICATIONS.
AD-628 260 5J T 66 07

LORINCZ, ALLAN L.
HUMAN SKIN LIPIDS AND THEIR RELATION TO SKIN DISEASES.
AD-467 008 6E U 41 07 HC$ 1.00 MF$ 0.50

LORSCH, H. G.
R F TRANSPARENT, ENERGY ABSORBING, STRUCTURAL ELEMENTS, PHASE II.
N66-10885 22B U 41 08 HC$ 5.00 MF$ 1.00

LOSCOE, CLAIRE
COMMENTS ON 'NERNST EFFECT IN INDIUM ANTIMONIDE',
AD-628 608 20L T 66 07

LOSCOE, CLARIE
OPTICAL MISALIGNMENT DUE TO TEMPERATURE GRADIENTS IN ELECTROOPTIC MODULATOR CRYSTALS,
AD-628 607 20E T 66 07

LOUIS, GEORGE
HIGH POWER VARACTOR FOR UHF TRANSMISSION.
AD-628 131 9A T 66 07 HC$ 3.00 MF$ 0.75

LOUTHAN, M. R.
STRESS CORROSION CRACKING OF TITANIUM ALLOYS.
N66-10876 11F U 41 08 HC$ 1.00 MF$ 0.50

LOUX, P. C.
TRANSVERSE ANTENNA FEED STUDY.
AD-629 546 9E T 66 08 HC$ 4.00 MF$ 0.75

LOVELACE, ALAN M.
NITROGEN-CONTAINING POLYMERS AND PREPARATION OF SAME.
PATENT 3,225,016 11I U 41 08

LOVERING, J. F.
FRACTIONATION OF FLUORINE, CHLORINE AND OTHER TRACE ELEMENTS DURING DIFFERENTIATION OF A THOLEIITIC MAGMA.
N66-12986 8D U 41 08 HC$ 2.00 MF$ 0.50

LOVE, L. O.
REVIEW OF ORNL ELECTROMAGNETIC SEPARATIONS PROGRAM,
ORNL-3861 16B U 41 07 HC$ 3.00 MF$ 0.50

LOVE, N. D.
SPECIFIC HEAT OF FE3(PO4)2.8H2O,
AD-628 742 20L T 66 07

LOWDIN, PER-OLOV
THE CALCULATION OF UPPER AND LOWER BOUNDS OF ENERGY EIGENVALUES IN PERTURBATION THEORY BY MEANS OF PARTITIONING TECHNIQUE,
AD-628 315 20J T 66 07 HC$ 4.60 MF$ 0.50

QUANTUM THEORY OF MANY-PARTICLE SYSTEMS.
AD-628 316 20J T 66 07 HC$ 2.60 MF$ 0.50

LOWENFELD, H. P.
LA CROSSE BOILING WATER REACTOR FINAL PHYSICS DESIGN REPORT,
ACNP-64545 18L U 41 08 HC$ 2.00 MF$ 0.50

LOWE, IRVING J.
MEASUREMENT BY NMR OF THE DIFFUSION RATE OF HF IN ICE,
AD-629 656 7D T 66 08

LOWMAN, P. D.
LUNAR SCIENTIFIC OPERATIONS,
N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50

LOWRIE, LESLIE M.
REVISION OF FOURIER ANALYSIS AND SYNTHESIS PROGRAMS,
PB-169 335 8K U 41 08 HC$ 1.60 MF$ 0.50

LOWRIE, L. M.
IDENTIFICATION OF SEISMIC PHASES SALMON EVENT,
PB-169 334 8K U 41 08 HC$ 1.10 MF$ 0.50

LOWSON, M. V.
PRESSURE FLUCTUATIONS IN TURBULENT BOUNDARY LAYERS.
N66-13232 20D U 41 07 HC$ 2.00 MF$ 0.50

LUBAHN, J. D.
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME I. THE EFFECT OF STRAIN RATE ON THE FLOW STRESS OF COPPER,
AD-628 865 11F T 66 07 HC$ 2.00 MF$ 0.50

THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME II. ANALYTICAL AND EXPERIMENTAL PLASTIC STRAIN PROFILES IN HIGH VELOCITY IMPACT.
AD-628 977 11F T 66 08 HC$11.60 MF$ 0.75

LUBITS, C. R.
EVALUATION OF NEUTRON CROSS SECTIONS AT THE KNOLLS ATOMIC POWER LABORATORY.
CONF-650524-2 20H U 41 08 HC$ 1.00 MF$ 0.50

LUDFORD, G. S. S.
THE HYDROMAGNETICS OF AN ELLIPSOID MOVING IN AN ALIGNED FIELD,
AD-629 417 20I T 66 08

LUDWIG, ALLEN C.
DEVELOPMENT OF EQUIPMENT AND PROCEDURES FOR PRODUCING LARGE QUANTITIES OF FOAMED SULPHUR IN THE FIELD.
AD-628 064 11G T 66 07 HC$ 1.00 MF$ 0.50

LUDWIG, LAWRENCE P.
EXPERIMENTAL STUDY OF END EFFECT AND PRESSURE PATTERNS IN HELICAL GROOVE FLUID FILM SEAL (VISCOSEAL),
N66-10333 11A U 41 07 HC$ 1.00 MF$ 0.50

LUEDEMAN, R. T.
ALLOYS OF IMPROVED ELASTIC PROPERTIES.
AD-629 726 11F T 66 08 HC$ 3.00 MF$ 0.50

AD-629 727 11F T 66 08 HC$ 4.00 MF$ 0.75

LUKIN, E. S.
CERTAIN PROPERTIES OF CALCIUM-OXIDE REFRACTORIES,
AD-629 228 11B T 66 08 HC$ 1.00 MF$ 0.50

LUMRY, R.
SUBSTRATE CONTROL OF PROTEIN CONFORMATION,
AD-628 264 6A T 66 07

LUNDBAK, ASGER
IONOSPHERIC RESEARCH USING SATELLITES.
AD-628 802 22B T 66 07 HC$ 1.10 MF$ 0.50

LUNDY, TED S.
ATOMIC TRANSPORT PROBLEMS OF INTEREST IN NUCLEAR SYSTEMS,
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50

LUNGO, A.
PRODUCTION ENGINEERING MEASURE FOR CERAMIC FILTERS.
AD-629 718 9A T 66 08 HC$ 1.00 MF$ 0.50

LUNN, H. FLETCHER
MYCOBACTERIUM ULCERANS INFECTION (WITH COMMENTS ON PATHOGENESIS),
AD-629 344 6E T 66 08

LUTZ, S. G.
ROUTING AND ECONOMIC PRINCIPLES OF MULTIPLE ACCESS SATELLITE COMMUNICATION,
N66-13010 17B U 41 08 HC$ 4.00 MF$ 0.75

LU, LE-WU
STRUCTURAL SURASSENBLAGES PREVENTED FROM SWAY,
AD-628 209 13B T 66 07

LU, PAU-CHANG
RAYLEIGH'S PROBLEM IN MAGNETOGASDYNAMICS WITH HALL EFFECT.
AD-628 467 20I T 66 07

LYMAN, JOHN
UPPER EXTREMITY PROSTHETICS RESEARCH. HUMAN TRACKING. SENSORY MOTOR CONTROL. MYOELECTRIC CONTROL.
AD-628 964 6E T 66 08 HC$ 1.00 MF$ 0.50

LYNCH, THEODORE N.
AN IMPROVED FLAME SPECTROPHOTOMETER FOR BIOLOGIC CALCIUM ANALYSIS.
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50

LYNESS, J. N.
INTEGRATION RULES OF HYPERCUBIC SYMMETRY OVER A CERTAIN SPHERICALLY SYMMETRIC SPACE,
AD-628 521 12A T 66 07

SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. I. ERROR COEFFICIENTS,
AD-628 522 12A T 66 07

SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. II. RULE PROJECTION AND RULE EXTENSION.
AD-629 529 12A T 66 08

LYON, G. F.
A METHOD OF DETERMINING CROSS-CORRELATION COEFFICIENTS OF TIME-VARYING SIGNALS.
AD-629 325 20N T 66 08

THE ANISOTROPY OF IONOSPHERIC IRREGULARITIES DEDUCED FROM V.H.F. SCATTER MEASUREMENTS.
AD-629 356 4A T 66 08

LYON, RICHARD H.
DYNAMIC RESPONSE, ENERGY METHODS, AND TEST CORRELATION OF FLIGHT VEHICLE EQUIPMENTS.
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00

LYTLE, RALPH I.
CYTOTOXICITY OF HUMAN SERA IN TISSUE CULTURE SYSTEMS.
AD-628 176 6T T 66 07

LYUBCHENKO, I. S.
AN ASYMPTOTE SOLUTION TO THE PROBLEM OF DETERMINING THE TEMPERATURE OF GAS TURBINE BLADES.
AD-629 227 21E T 66 08 HC$ 1.00 MF$ 0.50

MACCORQUODALE, KENNETH
THE ROLE OF VESTIBULAR NYSTAGMUS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK.
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

MACCORQUODALE, K.
THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. I. METHODOLOGY AND PRELIMINARY RESULTS.
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. III. HABITUATION AND TECHNIQUE OF ASSUMING THE TURN AS FACTORS IN ILLUSORY PERCEPTION.
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50

MACFARLANE, GEORGE
DEVELOPMENT TESTING OF SPACE VEHICLES.
AD-628 053 22B T 66 07 HC$ 4.00 MF$ 0.75

MACGLASHAN, W. F.
GENERANT CONTROLLER DEVELOPMENT FOR THE ADVANCED LIQUID PROPULSION SYSTEM/ALPS/.
N66-10650 21N U 41 08 HC$ 2.00 MF$ 0.50

MACHLIN, E. S.
FIELD ION MICROSCOPE INVESTIGATIONS OF SOLID SOLUTIONS.
N66-12990 20L U 41 08 HC$ 2.00 MF$ 0.50

MACHOVER, MAURICE
GENERALIZED EIGENVECTORS AND SEPARATION OF VARIABLES.
AD-629 085 12A T 66 08

MACKENZIE, GLENN S.
EARTH NOISE, 5 TO 500 MILLICYCLES PER SECOND. 2. REACTION OF THE EARTH TO OCEANS AND ATMOSPHERE.
AD-628 829 8K T 66 07

MACKENZIE, K. R.
FREQUENCY MODULATION OF LARGE CAVITIES.
AD-629 025 20S T 66 08

MACKEY, ERNEST A.
ELECTRONIC DIGITAL COMPUTER ELAPSED PROCESSING TIME METER.
PATENT 3,221,489 9B U 41 07

MACKWORTH, JANE F.
DETERIORATION OF SIGNAL DETECTABILITY DURING A VIGILANCE TASK AS A FUNCTION OF BACKGROUND EVENT RATE.
AD-629 100 5J T 66 08

PRESENTATION RATE, REPETITION, AND ORGANIZATION IN AUDITORY SHORT-TERM MEMORY.
AD-629 102 5J T 66 08

MACLAREN, M. D.
NOTES ON AXIOMS FOR QUANTUM MECHANICS.
ANL-7065 20J U 41 08 HC$ 1.00 MF$ 0.50

MACNEIL, R. L.
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

MACQUEEN, JAMES B.
ON THE ASYMPTOTIC BEHAVIOR OF K-MEANS.
AD-629 518 12A T 66 08 HC$ 1.60 MF$ 0.50

MACRI, S.
HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00

MADDEN, JOSEPH M.
IDENTIFICATION OF JOB REQUIREMENT FACTORS BY USE OF SIMULATED JOBS.
AD-628 952 5I T 66 08

MADDIX, H. S.
INVESTIGATION OF HIGH POWER GASEOUS ELECTRONICS.
AD-629 537 20I T 66 08 HC$ 3.00 MF$ 0.75

MAEDA, FUMI-YUKI
GENERALIZED UNITARY OPERATORS.
AD-628 621 12A T 66 07

MAFFEI, L.
RETINAL GANGLION CELL ACTIVITY IN CATS DURING DARK ADAPTATION.
AD-628 352 6P T 66 07

ON THE ORIGIN OF THE DARK DISCHARGE OF RETINAL GANGLION CELLS.
AD-628 354 6P T 66 07

MAGNE, FRANK C.
VINYL CHLORIDE RESINS AND BUTADIENE RUBBERS WITH N-ACYL DERIVATIVES OF CYCLIC IMINES.
PATENT 3,219,612 11I U 41 07

VINYL CHLORIDE RESINS PLASTICIZED WITH N-ACYL DERIVATIVES OF SUBSTITUTED PIPERIDINE.
PATENT 3,219,614 11I U 41 07

N-OLEOYL-2-ETHYLETHYLENIMINE.
PATENT 3,219,659 11I U 41 07

MORPHOLIDES OF EPOXIDIZED FATTY ACIDS.
PATENT 3,219,664 11I U 41 07

N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,708 6O U 41 08

DIESTERAMIDE PLASTICIZERS.
PATENT 3,226,403 11I U 41 08

MAGNI, F.
RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. III. ELECTRORETINOGRAPHIC RESPONSES TO POLARIZED LIGHT.
AD-628 376 6C T 66 07

INTRACELLULAR RECORDING FROM NEURONES OF THE RETICULAR FORMATION.
AD-628 378 6P T 66 07

THE PROPERTIES OF RETICULO-SPINAL NEURONS.
AD-629 204 6P T 66 08

SUBCORTICAL AND PERIPHERAL CONTROL OF BRAIN STEM RETICULAR NEURONS.
AD-629 205 6P T 66 08

CORTICAL CONTROL OF BRAIN STEM RETICULAR NEURONS.
AD-629 206 6P T 66 08

AFFERENT CONNECTIONS TO RETICULO-SPINAL NEURONS.
AD-629 207 6P T 66 08

MAHMOOD, S.
PERFORMANCE OF HUMAN OPERATORS UNDER VARIOUS SYSTEM PARAMETERS.
N66-10758 5H U 41 08 HC$ 2.00 MF$ 0.50

MAHONEY, JAMES A.
SIMULATION DEVICES FOR USE IN STUDIES OF PROTECTIVE CONSTRUCTION.
AD-629 607 18F T 66 08 HC$ 6.00 MF$ 1.25

MAHONE, RICHARD M.
MAN'S RESPONSE TO SHIP SHOCK MOTIONS.
AD-628 891 6S T 66 08 HC$ 2.00 MF$ 0.50

MAHR, HERBERT
RESONANT ENERGY TRANSFER BETWEEN EXCITED F-CENTERS IN KI.
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50

MAIER, G.
ELASTIC-PLASTIC CONTINUA CONTAINING UNSTABLE ELEMENTS OBEYING NORMALITY AND CONVEXITY RELATIONS.
AD-628 855 20K T 66 07 HC$ 2.60 MF$ 0.50

MAKOFSKI, R. A.
PERFORMANCE ANALYSIS OF THE APL HYPER- SONIC GUN TUNNEL.
AD-458 368 14B U 41 08 HC$ 6.60

MAKRIDES, A. C.
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-628 071 10B T 66 07 HC$ 4.00 MF$ 0.75

MALATESTA, L.
TRIPHENYLPHOSPHINE-GOLD(0) GOLD(1) COMPOUNDS.
AD-629 303 7D T 66 08

MALIK, L. K.
NATURAL RESOURCES, CONSERVATION AND TRANSFORMATION OF NATURE (EXPERIENCE GAINED IN DETERMINING THE INFLUENCE OF LARGE RESERVOIRS ON LOCAL CLIMATE).
AD-628 842 8F T 66 07 HC$ 1.00 MF$ 0.50

MALIK, R. K.
BETA-MANGANESE PHASES IN TERNARY SYSTEMS OF TRANSITION ELEMENTS WITH SILICON, GERMANIUM, OR TIN.
AD-628 648 11F T 66 07

MALITSON, H. H.
OBSERVATIONS OF SOLAR RADIO BURSTS AT 26.3 MC/S.
N66-11222 20H U 41 08 HC$ 2.00 MF$ 0.50

MALLIANI, A.
REGISTRAZIONE MICROELETTRODICA DI RISPOSTE LENTE IMPTALAMICHE EVOCATE DA STIMOLI SENSITIVI (MICROELECTRODE RECORDING OF SLOW HYPOTHALAMIC EVOKED RESPONSES TO SENSORY STIMULI).
AD-629 279 6P T 66 08

CONTRIBUTION OF LOCAL ACTIVITY AND ELECTRIC SPREAD TO SOMATICALLY EVOKED POTENTIALS IN DIFFERENT AREAS OF THE HYPOTHALAMUS.
AD-629 280 6P T 66 08

MALMBERG, J. H.
CYCLOTRON WAVES IN A COLLISIONLESS PLASMA.
N66-12532 20I U 41 07 HC$ 1.00 MF$ 0.50

MALMFORS, TORBJORN
IDENTIFICATION AND CELLULAR LOCALIZATION OF THE CATECHOLAMINES IN THE RETINA AND THE CHOROID OF THE RABBIT.
AD-629 221 6P T 66 08

MALOY, J. O.
POLARIZATION OF THE RECOIL PROTON FROM PI(0) O PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

MALTHAN, JAMES A.
STUDY OF GROUND MOTIONS FOR SIMULATION BY SHOCK TESTING MACHINE.
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00

MANCINI, ARMANDO
SATELLITE ANGULATERATION.
AD-629 705 8E T 66 08 HC$ 2.00 MF$ 0.50

MANCINI, R. A.
CONSOLIDATION OF LANTHANON FISSION PRODUCTS IN ALLOYS.
ANL-7004 7B U 41 07 HC$ 1.00 MF$ 0.50

MANCUSO, R. L.
TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-10877 4B U 41 08 HC$ 2.00 MF$ 0.50

MANDELL, WALLACE
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

MANDRUSOVA, O. A.
A PROVEN CASE OF GEOMAGNETIC FIELD INVERSION.
AD-628 787 8N T 66 07 HC$ 1.10 MF$ 0.50

MANION, F. M.
ANALYSIS AND TEST OF SIGNAL TRANSMISSION IN A MULTIPHASE FLUID MIXTURE.
AD-628 676 20D T 66 07 HC$ 2.00 MF$ 0.50

MANISTA, EUGENE J.
ATOMIC BEAM DETERMINATION OF THE CESIUM-CESIUM TOTAL SCATTERING CROSS SECTION.
N66-13234 20G U 41 07 HC$ 2.00 MF$ 0.50

MANNE, ROLF
TABLE OF SANIBEL (SPIN PROJECTION) COEFFICIENTS.
AD-628 634 20J T 66 07 HC$ 3.00 MF$ 0.75

RESONANCE ENERGY AND IONIC ATTRACTION IN HETEROMOLECULES.
AD-628 835 7D T 66 07 HC$ 1.10 MF$ 0.50

MANN, FLOYD
THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION.
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

MANOVA, N. V.
PROBLEMS OF MARXIST-LENINIST ESTHETICS AND ESTHETIC EDUCATION.
AD-629 469 5F T 66 08 HC$ 5.00 MF$ 1.00

MARBURGER, I. L.
SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME III. DYNAMIC SLINGER.
N65-17272 18N U 41 07 HC$ 3.00 MF$ 0.75

MARCHAND, ALAN P.
SUBSTITUENT EFFECTS. V. FURTHER EVIDENCE CONCERNING THE NATURE OF THE INDUCTIVE EFFECT.
AD-629 498 7D T 66 08

MARCHUK, G. I.
NUMERICAL METHODS FOR SOLVING WEATHERFORECASTING AND CLIMATE-THEORY PROBLEMS, PART I.
AD-629 009 4B T 66 08 HC$ 4.00 MF$ 0.75

MARCONI, JUAN
CROSSCULTURAL DEFINITIONS FOR EPIDEMIOLOGICAL STUDIES IN MENTAL HEALTH.
AD-629 016 5J T 66 08 HC$ 1.60 MF$ 0.50

MARCUS, M.
DIAGONAL PRODUCTS IN DOUBLY STOCHASTIC MATRICES.
AD-629 597 12A T 66 08

MARCUS, RICHARD
RUSSIAN STENOTYPE EQUIPMENT. VOLUME I, RUSSIAN STENOTYPE SYSTEMS CODES, COMPUTER SYSTEMS, AND TRAINING.
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN STENOTYPE EQUIPMENT. VOLUME II. RUSSIAN STENOTYPE TERMINAL EQUIPMENT AND INPUT MULTIPLEXING.
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME III. RUSSIAN STENOTYPE TRAINING AND EVALUATION MACHINE.
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME IV. INSTRUCTOR'S TRAINING MANUAL FOR RUSSIAN STENOTYPE.
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75

MAREK, A. J.
INVESTIGATION OF CONTACTLESS SWITCHING CONCEPTS FOR APPLICATION TO AIRCRAFT ELECTRICAL SYSTEMS. VOLUME VI. FLIGHT TEST EVALUATION OF A PROTOTYPE CONTACTLESS SWITCHING SYSTEM.
AD-628 581 1C T 66 07 HC$11.60 MF$ 0.75

MARETTI, ENRICO
SUGGESTIONS FOR MECHANICAL TRANSLATION.
PB-169 241 5G U 41 07 HC$ 1.00 MF$ 0.50

MARGARIA, R.
INVESTIGATIONS ON THE EFFECT OF REPEATED HIGH G FORCES ON FROGS.
AD-629 110 6S T 66 08

FUNCTIONAL FUNDAMENTAL CHARACTERISTICS OF THE NERVOUS SYSTEM IN ATHLETES AND THE EFFECTS OF PERFORMANCE.
AD-629 111 6S T 66 08

MARIENS, JOHN H.
CATALOG OF NUCLEAR REACTOR CONCEPTS. PART I, HOMOGENEOUS AND QUASI-HOMOGENEOUS REACTORS. SECTION III. REACTORS FUELED WITH MOLTEN-SALT SOLUTIONS.
ANL-7092 21F U 41 08 HC$ 3.00 MF$ 0.75

MARINICH, A. M.
NEWS ITEMS (CONGRESS OF GEOGRAPHERS OF THE UKRANIAN SSR (1ST)).
AD-628 847 8F T 66 07 HC$ 1.00 MF$ 0.50

MARIN, M. A.
CANONICAL AND MINIMAL FORMS FOR NAND AND NOR LOGIC.
AD-628 169 9B T 66 07 HC$ 2.60 MF$ 0.50

MARKEL, GENE A.
A CONCEPT FOR MODELING AND EVALUATING INFORMATION-PRODUCING SYSTEMS.
AD-628 495 15D T 66 07 HC$ 2.00 MF$ 0.50

MARKHAM, J. J.
MAGNETIC PROPERTIES OF INSULATORS.
IITRI-1184-15 20C U 41 07 HC$ 2.00 MF$ 0.50

MARKOW, BASIL
ARRESTING LATENT-IMAGE FADING IN DOSIMETRIC FILMS.
AD-628 601 14E T 66 07

MARK, HELEN
SQUARE ROOT SUBROUTINES.
AD-629 327 9B T 66 08 HC$ 1.60 MF$ 0.50

MARK, J. E.
STEREOREGULARITY AND UNPERTURBED DIMENSIONS OF ISOTACTIC POLY-ALPHA-OLEFINS.
AD-629 281 11I T 66 08

MARLOTTE, G. L.
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

MARMON, HURON A.
FORECASTING DAYTIME TEMPERATURES UTILIZING AVAILABLE SOLAR ENERGY.
PB-169 385 4B U 41 08 HC$ 1.00 MF$ 0.50

MARMO, F. F.
EXPERIMENTAL AND THEORETICAL STUDIES IN PLANETARY AERONOMY.
N66-12248 4A U 41 08 HC$ 4.00 MF$ 1.00

MARQUIS, DONALD G.
THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION.
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

MARSHALL, A. W.
A STOCHASTIC CHARACTERIZATION OF WEAR-OUT FOR COMPONENTS AND SYSTEMS.
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50

MARSHALL, JOHN F.
PLASMA DENSITY BY ION BEAM PROBING: DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

MARSHALL, R.
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

MARSHALL, S.
MICROCIRCUIT PHOTOMASKS FROM AUTOMATIC TECHNIQUES.
AD-629 513 14E T 66 08

MARTIN, DAVID F.
THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS.
AD-628 220 9B T 66 07 HC$ 7.25 MF$ 2.00

MARTIN, D. C.
EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

A STUDY TO DEVELOP A MECHANIZED WELDING PROCEDURE TO JOIN THICK-GAGE ALUMINUM ALLOY PLATE USING NARROW-GAP TECHNIQUES.
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75

MARTIN, D. F.
ORGANOMETALLIC COMPOUNDS. V. KINETICS OF PHENYLTIN CLEAVAGE BY A CHELATING AGENT.
AD-628 652 7C T 66 07

MARTIN, H. F.
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

MARTIN, J. E.
THAYER-MARTIN SELECTIVE MEDIUM FOR THE CULTIVATION OF NEISSERIA MENINGITIDIS FROM THE NASOPHARYNX.
AD-628 126 6M T 66 07

MARTIN, P. C.
MICROSCOPIC THEORY OF SUPERFLUID HELIUM.
AL-628 293 20J T 66 07

MARTIN, R. L.
CONDUCTIVE ADHESIVES. A SUBSTITUE FOR SOLDER.
BOX-M13-7 11A U 41 08 HC$ 1.00 MF$ 0.50

MARTIN, R. S.
TRANSVERSE ANTENNA FEED STUDY.
AD-629 546 9E T 66 08 HC$ 4.00 MF$ 0.75

MARTIN, WILLIAM E.
INTERCEPTION AND RETENTION OF RADIOACTIVE FALLOUT BY DESERT SHRUBS IN THE SEDAN FALLOUT FIELD. PROJECT 62.83 OF PROJECT SEDAN.
PNE-238F 18H U 41 08 HC$ 2.00 MF$ 0.50

MARTZ, C. WILLIAM
AN APPROXIMATE METHOD FOR SOLVING THE SINGLE-DEGREE-OF-FREEDOM ROLL EQUATION WITH TIME-DEPENDENT COEFFICIENTS.
N66-13233 19D U 41 07 HC$ 1.00 MF$ 0.50

MARVIN, URSULA B.
NEWRIHUEITE, A NEW ALKALI-FERROMAGNESIAN SILICATE FROM THE NEZO-MADAKAS CHONDRITE.
AD-628 913 8G T 66 08

MASCHLER, MICHAEL
THE INEQUALITIES THAT DETERMINE THE BARGAINING SET M1(I).
AD-628 067 12B T 66 07 HC$ 1.00 MF$ 0.50

THE STRUCTURE OF THE KERNEL OF A COOPERATIVE GAME.
AD-628 172 12D T 66 07 HC$ 6.60 MF$ 0.75

MASCY, ALFRED C.
A FEASIBILITY STUDY OF A COMMUNICATIONS SATELLITE FOR DEEP-SPACE MONITORING.
N66-13020 22B U 41 07 HC$ 2.00 MF$ 0.50

MASHAROVA, T. S.
TRANSISTORS AND SEMICONDUCTOR DIODES.
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00

MASON, E. A.
TRANSPORT PROPERTIES OF GASEOUS HE 3 AND HE 4.
IAP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50

MASON, J. K.
ANO-RECTAL MELANOMA.
AD-628 238 6E T 66 07

MASSO, J. F.
INFLUENCE OF MULTIPLE VIRTUAL TRANSITIONS ON THE REORIENTATION EFFECT IN COULOMB EXCITATION.
AD-628 650 20H T 66 07

MASTERMAN, MARGARET
COMMENTARY ON THE GUBERINA HYPOTHESIS.
AD-629 254 5G T 66 08

MATES, R. E.
ESTIMATES OF NONEQUILIBRIUM IONIZATION PHENOMENA IN THE INVISCID APOLLO PLASMA SHEATH.
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75

MATSKO, B. M.
ORGANIZATION OF LABOR OF MEDICAL PERSONNEL.
AD-629 164 5I T 66 08 HC$ 8.60 MF$ 0.75

MATSUMOTO, J.
EFFETS DE RESERPINE, DOPA ET 5 HTP SUR LES DEUX ETATS DE SOMMEIL (EFFECTS OF RESERPINE, DOPA AND 5 HTP ON THE TWO STATES OF SLEEP).
AD-629 216 6O T 66 08

MATSYUK, L. N.
WELDING OF POLYMER FILMS.
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

MATTHEWS, A. T.
STEP LOAD MOVING WITH SUPERSEISMIC VELOCITY ON THE SURFACE OF AN ELASTIC-PLASTIC HALF-SPACE.
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75

MATTHIAS, B. T.
SOME NEW SUPERCONDUCTING COMPOUNDS.
AD-628 822 20L T 66 07

SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

MATTIOLI, ENNIO
THEORETICAL INVESTIGATIONS ON THE BOUNDARY LAYER WITH PRESSURE GRADIENT.
AD-629 212 20D T 66 08 HC$ 2.60 MF$ 0.50

MATURANA, H. R.
OCTOPUS OPTIC RESPONSES.
AD-628 743 6C T 66 07

MATVEEVA, A. E.
MEASURING DEVICES.
AD-628 310 14B T 66 07 HC$59.10 MF$ 2.50

MAYOR, JAMES W.
OBSERVATION WINDOWS OF THE DEEP SUBMERSIBLE, ALVIN.
AD-629 592 13J T 66 08 HC$ 3.60 MF$ 0.50

MAXSON, D. R.
REACTION STUDIES WITH FAST NEUTRONS.
NYO-1082-1 20H U 41 07 HC$ 2.00 MF$ 0.50

MAXWELL, E.
TEMPERATURE-OSCILLATION METHOD FOR OBSERVING DE-HAAS-VAN ALPHEN OSCILLATIONS AND OTHER MAGNETIC PHENOMENA.
AD-629 194 20C T 66 08

MAYNARD, L. A.
A NEW TECHNIQUE FOR THE MEASUREMENT OF THE ELECTRON/ION TEMPERATURE RATIO AT HIGH ALTITUDES.
AD-629 310 9A T 66 08

MC NULTY, J. S.
A STUDY OF SOLID-PROPELLANT VAPORIZATION AND DIFFUSION PROCESSES.
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50

MCADAMS, LOUIS V.
2,3-DIPHENYLVINYLENE SULFONE.
AD-628 659 7C T 66 07

MCCAFFERTY, H. A.
STUDY OF TANDEM ROTOR HELICOPTER DYNAMICS FOLLOWING POWER FAILURE AT HIGH SPEED.
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50

MCCALL, ROBERT L.
ESTABLISHING RELIABILITY REQUIREMENTS FOR MILITARY WEAPON SYSTEMS AND EQUIPMENT.
AD-628 100 14D T 66 07 HC$ 6.60 MF$ 0.75

MCCAMMON, R. D.
THERMAL EXPANSION OF GERMANIUM AND SILICON AT LOW TEMPERATURES.
AD-628 423 20H T 66 07

MCCARTY, F. B.
587 - KVA 24,000-RPM ALTERNATOR. PART NO. 546136-1-1.
AD-629 562 10B T 66 08 HC$ 4.60 MF$ 0.50

MCCARTY, V.
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC COMPRESSIBILITIES OF POLYMERIC MATERIALS.
AD-628 716 20K T 66 07

MCCOMB, ROBERT P.
PRODUCTION ENGINEERING MEASURE CRYSTAL UNIT CR-(XW-46A)/U.
AD-629 178 9A T 66 08 HC$ 2.00 MF$ 0.50

MCCORD, W. C.
INVERSE LIMIT SEQUENCES WITH COVERING MAPS.
AD-629 143 12A T 66 08

MCCORLEY, G. C.
THE EFFECTS OF VARIOUS GASES WITHIN THE NASAL CAVITIES OF RATS ON THE RESPONSE OF OLFACTORY BULB NEURONS TO X IRRADIATION.
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50

MCCORMACK, P. D.
MECHANICAL VIBRATION: A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES.
AD-628 920 21B T 66 08 HC$ 3.60 MF$ 0.50

AN EXPERIMENTAL AND THEORETICAL ANALYSIS OF CYLINDRICAL LIQUID JETS SUBJECTED TO VIBRATION.
AD-629 243 20D T 66 08

MCCORMICK, W. D.
EFFECTS OF TURBULENCE IN HE II THERMAL COUNTERFLOW.
AD-629 533 20D T 66 08

MCCOWAN, D. W.
AN EXAMPLE OF MAXIMUM-LIKELIHOOD FILTERING OF LASA SEISMOGRAMS.
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50

MCCOY, DONALD S.
AN ANALYSIS OF FACTORS LIMITING SEISMIC DETECTOR SENSITIVITY.
AD-628 933 8K T 66 08 HC$ 4.00 MF$ 0.75

MCCREARY, BEN F.
SEPARATION TRAJECTORY CHARACTERISTICS RESULTING FROM SEPARATING TWO VEHICLES IN NEAR-EARTH ORBITS.
N66-12251 22C U 41 07 HC$ 2.00 MF$ 0.50

MCCULLOCH, E. A.
HOST-CELL INTERACTIONS IN MICE BEARING ISOLOGOUS HEMOPOIETIC GRAFTS (LA GREFFE DES CELLULES HEMATOPOIETIQUES ALLOGENIQUES).
AD-628 462 6P T 66 07

MCDERMOTT, N. C.
HARMONIC GENERATION BY A NONLINEAR PLASMA CYLINDER.
AD-628 518 20I T 66 07

MCDONALD, RICHARD N.
THE REACTIONS OF METHYL- AND N-BUTYLLITHIUM WITH DICHLOROMETHYL METHYL ETHER AND DICHLORODIPHENOXY METHANE.
AD-629 683 7C T 66 08

MCDONALD, R. L.
IRON (III) EXTRACTION BY NITROBENZENE -BENZENE MIXTURES.
AD-628 826 7B T 66 07

MCDONELL, W. R.
EFFECT OF MICROSTRUCTURE ON CAVITATIONAL SWELLING OF DILUTE URANIUM ALLOYS.
CONF-650904-4 18J U 41 08 HC$ 1.00 MF$ 0.50

MCELEARNEY, J.
SPECIFIC HEAT OF FE3(PO4)2.8H20.
AD-628 742 20L T 66 07

MCELHILL, ELIZABETH A.
DEVELOPMENT OF THE DRY TAPE BATTERY CONCEPT.
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25

MCFEE, R.
REDUCING NONLINEAR DISTORTION DUE TO AUTOMATIC-GAIN-CONTROL CIRCUITS.
AD-629 403 17B T 66 08

MCGEE, VICTOR E.
NOTES ON THE MULTIDIMENSIONAL SCALING OF ELASTIC DISTANCES.
AD-629 278 9B T 66 08 HC$ 2.00 MF$ 0.75

MCGINNIES, ELLIOTT
A CROSS-CULTURAL COMPARISON OF PRINTED COMMUNICATION VERSUS SPOKEN COMMUNICATION IN PERSUASION.
AD-628 651 5J T 66 07

MCGINNIS, ROBERT
PRODUCTION ENGINEERING MEASURE FOR SILICON LINEAR INTEGRATED CIRCUITS.
AD-628 990 9A T 66 08 HC$ 1.00 MF$ 0.50

MCILWAIN, H.
CONTINUOUS RECORDING OF CHANGES IN MEMBRANE POTENTIAL IN MAMMALIAN CEREBRAL TISSUES IN VITRO: RECOVERY AFTER DEPOLARIZATION BY ADDED SUBSTANCES.
AD-628 358 6P T 66 07

MCINTIRE, H. O.
TUNGSTEN POWDER METALLURGY.
N66-10415 11F U 41 07 HC$ 0.35 MF$ 0.50

MCINTIRE, WILLIAM G.
AUSTRALIAN TIDAL FLATS.
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50

MCINTYRE, R. E.
MEASUREMENT OF PARTICLE SIZE OF COMPONENTS OF GASLESS MIXTURES.
PB-169 368 14B U 41 08 HC$ 3.60 MF$ 0.50

MCIVOR, J. H.
FRICTION PENDULUM.
AD-628 958 19A T 66 08 HC$ 1.60 MF$ 0.50

MCKEEVER, R. J.
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III.
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

MCKEOWN, W.
PRODUCTION ENGINEERING MEASURE FOR IMPROVEMEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50

MCKINLEY, G. J.
METHODS OF ANALYSIS OF METAL REFRACTORIES. BORIDES, CARBIDES AND NITRIDES OF HAFNIUM NIOBIUM, TANTALUM, TITANIUM AND ZIRCONIUM.
AD-459 048 7B U 41 08 HC$ 2.00

MCLAREN, A. D.
ENZYME ACTIVITY IN TERRESTRIAL SOIL IN RELATION TO EXPLORATION OF THE MARTIAN SURFACE.
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75

MCLEAN, D.
METHODS OF ANALYSIS OF METAL REFRACTORIES. BORIDES, CARBIDES AND NITRIDES OF HAFNIUM NIOBIUM, TANTALUM, TITANIUM AND ZIRCONIUM.
AD-459 048 7B U 41 08 HC$ 2.00

MCMAHON, G. W.
PROPERTIES OF TRANSDUCER CERAMICS UNDER MAINTAINED PLANAR STRESS.
AD-628 810 11B T 66 07

MCNEIL, GORDON
TECHNOLOGY FOR PNP INTEGRATED CIRCUITS.
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50

MCSHEEHY, DONALD I.
PERFORMANCE EVALUATION OF APPRENTICE AIRCRAFT ELECTRONIC NAVIGATION EQUIPMENT REPAIRMEN (GENERAL) (GRADUATES OF ATC COURSE NO. ABR30131).
AD-466 126 5I U 41 07 HC$ 2.00 MF$ 0.50

MCSHERRY, LUKE
USE OF MOS TRANSISTORS IN SOLID-STATE RADIATION SURVEY METERS.
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50

MCVEAN, DUNCAN E.
BEHAVIOR OF SERUM LACTIC DEHYDROGENASE IN MEN EXPOSED TO BRIEF, INTENSE THERMAL IMPULSES.
AD-628 567 6S T 66 07

MCWHORTER, ALAN L.
SOLID STATE RESEARCH 1965-3.
AD-629 048 20L T 66 08 HC$ 3.00 MF$ 0.75

MCWILLIAMS, GERALD E.
CHEMOELECTRIC ENERGY CONVERSION FOR NONAQUEOUS RESERVE BATTERIES.
AD-628 999 10C T 66 08 HC$ 2.60 MF$ 0.50

MCWITHEY, ROBERT R.
DAMPING CHARACTERISTICS OF BUILT-UP CANTILEVER BEAMS IN A VACUUM ENVIRONMENT.
N65-36774 20K U 41 07 HC$ 2.00 MF$ 0.50

MEADE, BUFORD K.
COMPARISON TESTS OF ELECTRO-OPTICAL AND MICROWAVE DISTANCE MEASURING INSTRUMENTS.
PB-169 333 14B U 41 08 HC$ 2.60 MF$ 0.50

MEAD, FRANCIS S.
CORROSION INHIBITING RESIN-BONDED SOLID FILM LUBRICANT.
PATENT 3,223,626 11H U 41 08

MEATH, WILLIAM J.
DIRECT CALCULATION OF CONTRIBUTIONS TO THE SECOND-ORDER ENERGY OF HELIUM.
AD-628 481 7D T 66 07

MEATH, W. J.
RELATIVISTIC INTERMOLECULAR FORCES.
N66-10959 20J U 41 08 HC$ 4.00 MF$ 0.75

MEHROTRA, B.
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

MEIFFREN, JOSE
LE CO2 DE REFROIDISSEMENT DES REACTEURS G 2/G 3 FUITES, ANALYSE, ACTIVITE (THE CO2 COOLING GAS FOR THE REACTORS G2/G3 (LEAKING, ANALYSIS, ACTIVITY)).
PB-169 228 18K U 41 08 HC$ 3.00 MF$ 0.75

MEIJER, P. H. E.
FIRST ORDER TRANSITIONS IN SIMPLE MAGNETIC SYSTEMS.
AD-629 615 20L T 66 08

MEISTER, R. P.
EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

A STUDY TO DEVELOP A MECHANIZED WELDING PROCEDURE TO JOIN THICK-GAGE ALUMINUM ALLOY PLATE USING NARROW-GAP TECHNIQUES.
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75

MELCHING, WILLIAM H.
THE INFLUENCE OF PRACTICE FRAMES AND VERBAL ABILITY ON PROGRAMED INSTRUCTION PERFORMANCE.
AD-628 444 5I T 66 07 HC$ 2.60 MF$ 0.50

MEASURES ON ABILITY AND PROGRAMED INSTRUCTION PERFORMANCE.
AD-629 443 5I T 66 08 HC$ 1.60 MF$ 0.50

MELKANOFF, M. A.
CANONICAL AND MINIMAL FORMS FOR NAND AND NOR LOGIC.
AD-628 169 9B T 66 07 HC$ 2.60 MF$ 0.50

MELTEVA, N. N.
ON PROTEINS OF CABBAGE: REPORT 1. AMINO ACID CONTENT OF PROTEINS.
AD-628 420 6A T 66 07 HC$ 1.00 MF$ 0.50

MENDELSON, P.
ADVANCE RESEARCH ON CONTROL SYSTEMS FOR THE SATURN LAUNCH VEHICLE.
N66-10639 22B U 41 08 HC$ 6.00 MF$ 1.25

MENIS, OSCAR
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JULY 1964 TO JUNE 1965.
C13.46-275 7D U 41 07 MF$ 0.75

MENNINGER, R. P.
REPEATED, PROLONGED, LOW-INTENSITY +GZ EXPOSURES. ANATOMICAL STUDIES IN DOGS.
AD-628 945 6S T 66 08

MERIFIELD, P. M.
PHOTO INTERPRETATION OF WHITE SANDS ROCKET PHOTOGRAPHY. REPORT NO. 2.
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75

MERIJANIAN, ASPET
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

MERKLE, EMERGY J.
PREPARATION OF LOW-CARBON-CONTENT IRON FOR USES AN ACCELERATOR FOR CARBON DETERMINATIONS.
N65-35984 11F U 41 07 HC$ 1.00 MF$ 0.50

MERKLE, T. C.

THE CALCULATION OF TREATMENT SCHEDULES FOR CANCER CHEMOTHERAPY. PART II.
UCRL-14505 6E U 41 08 HC$ 2.00 MF$ 0.50

MERRIHUE, CRAIG
XENON AND KRYPTON IN THE BRUDERHEIM METEORITE.
AD-628 594 86 T 66 07

MESERVEY, R.
SUPERFLUID FLOW IN A VENTURI TUBE.
AD-629 192 20D T 66 08

MESKIL, ALAN
INFORMATION TRANSMISSION IN A PATTERN DISCRIMINATION TASK AS A FUNCTION OF INITIAL TASK DIFFICULTY.
AD-628 109 5J T 66 07

MESSIAH, A. M. L.
HIGH-ORDER LIMIT OF PARA-BOSE AND PARAFERMI FIELDS.
AD-629 041 20J T 66 08

METTE, HERBERT
OPTICAL MISALIGNMENT DUE TO TEMPERATURE GRADIENTS IN ELECTROOPTIC MODULATOR CRYSTALS.
AD-628 607 20E T 66 07

COMMENTS ON 'NERNST EFFECT IN INDIUM ANTIMONIDE'.
AD-628 608 20L T 66 07

CORBINO-PME EFFECT AS A POSSIBLE TOOL FOR MICROELECTRONIC MATERIALS EVALUATION: THEORY.
AD-629 608 20L T 66 08 HC$ 1.00 MF$ 0.50

METZGER, F. R.
PROPERTIES OF THE 4.403-MEV EXCITED STATE OF A127.
AD-628 881 20H T 66 07

METZGER, M.
EFFECTS OF ELECTRODEPOSITED COATINGS ON THE DEFORMATION OF COPPER CRYSTALS.
COO-1198-161 11F U 41 07 HC$ 2.00 MF$ 0.50

MEYERS, W. F.
DEVELOPMENT OF A LOW TEMPERATURE BATTERY FOR SPACE PROBE APPLICATIONS.
N66-12347 10C U 41 08 HC$ 4.00 MF$ 1.00

MEYERS, W. H.
R F TRANSPARENT, ENERGY ABSORBING, STRUCTURAL ELEMENTS, PHASE II.
N66-10885 22B U 41 08 HC$ 5.00 MF$ 1.00

MEYER, P.
DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT.
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75

MEYER, P. E.
TWO-PHASE FLOW AND BOILING HEAT TRANSFER.
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50

MEYER, VINCENT D.
INTENSITY DISTRIBUTION IN THE ELECTRON-IMPACT SPECTRUM OF CARBON MONOXIDE AT HIGH-RESOLU- TION AND SMALL SCATTERING ANGLES.
AD-629 613 7D T 66 08

MICHELS, H. H.
THEORETICAL RESEARCH ON THERMODYNAMIC AND TRANSPORT PROPERTIES OF GASES AT HIGH TEMPERATURES.
AD-628 911 20I T 66 08 HC$ 1.00 MF$ 0.50

MIDTDAL, JOHN
ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON ATOMS.
AD-628 922 20J T 66 08 HC$ 1.10 MF$ 0.50

MIESCHER, E.
ANALYSIS OF THE SPECTRUM OF THE NITRIC OXIDE MOLECULE.
AD-628 818 7D T 66 07 HC$ 1.60 MF$ 0.50

MIKETTA, D. N.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT. MATERIAL SPECIFICATIONS FOR ADVANCED REFRACTORY ALLOYS.
N66-10673 11F U 41 08 HC$ 6.00 MF$ 1.50

MIKKOR, M.
PHOTOCONDUCTIVITY OF KBR CONTAINING F CENTERS.
AD-629 033 20L T 66 08

MIKOLAJ, P. G.
DIRECT EXPERIMENTAL TEST OF THE PY AND CHNC INTEGRAL EQUATIONS.
AD-629 250 7D T 66 08

DIRECT DETERMINATION OF THE INTERMOLECULAR POTENTIAL FUNCTION FOR ARGON FROM X-RAY SCATTERING DATA.
AD-629 251 7D T 66 08

MILDEN, M.
A LOW-NOISE, MULTIPLE-FUNCTION, X-BAND TRAVELING-WAVE TUBE.
AD-628 353 9A T 66 07 HC$ 2.00 MF$ 0.50

MILES, P. A.
EFFECTS OF OUTPUT COUPLING ON OPTICAL MASERS.
AD-628 705 20E T 66 07

MILLER, ALBERT B.
PILOT RE-ENTRY GUIDANCE AND CONTROL.
N65-36773 22C U 41 07 HC$ 2.00 MF$ 0.50

MILLER, BANNER I.
A SIMPLE MODEL OF THE HURRICANE INFLOW LAYER.
PB-169 210 4B U 41 07 HC$ 1.00 MF$ 0.50

MILLER, CARL D.
A COST ESTIMATING RELATIONSHIP FOR PETROLEUM-OIL-LUBRICANTS COSTS.
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75

MILLER, E. B.
SOUND ABSORPTION IN SUBSTITUTED METHANE -INERT-GAS MIXTURES.
AD-628 830 7D T 66 07

MILLER, F. E.
RESEARCH ON PROCESSES FOR UTILIZATION OF LUNAR RESOURCES.
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75

MILLER, JACOB M.
OXIDATION PROTECTION OF BERYLLIUM AT HIGH TEMPERATURES.
CONF-729-4 11F U 41 07 HC$ 2.00 MF$ 0.50

MILLER, K. S.
SOME MULTIVARIATE DENSITY FUNCTIONS OF PRODUCTS OF GAUSSIAN VARIATES.
AD-628 721 12A T 66 07

MILLER, WILLIAM H.
A NOTE ON THE VARIATION-PERTURBATION METHOD FOR EXCITED STATES.
AD-628 120 7D T 66 07 HC$ 1.00 MF$ 0.50

RESONANCES IN THE SCATTERING OF ELECTRONS FROM ATOMS.
AD-629 001 7D T 66 08 HC$ 1.60 MF$ 0.50

MILNE, A. R.
AMBIENT NOISE UNDER ARCTIC-SEA ICE.
AD-628 304 20A T 66 07

TEMPERATURE-AND WIND-DEPENDENT AMBIENT NOISE UNDER MIDWINTER PACK ICE.
AD-629 276 20A T 66 08

MILTON, HELEN S.
COST-OF-RESEARCH INDEX.
AD-629 700 5A T 66 08 HC$ 1.00 MF$ 0.50

MILTON, ROY C.
RANK ORDER PROBABILITIES: TWO-SAMPLE NORMAL SHIFT ALTERNATIVES.
AD-628 947 12A T 66 08 HC$ 6.00 MF$ 1.25

MILWARD, R. C.
FAR-INFRARED ABSORPTION IN N-TYPE SILICON DUE TO PHOTON-INDUCED HOPPING.
AD-629 187 20L T 66 08

MINC, H.
DIAGONAL PRODUCTS IN DOUBLY STOCHASTIC MATRICES.
AD-629 597 12A T 66 08

MINORSKY, NICHOLAS
INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 5. PIECE-WISE LINEAR METHODS AND ABSOLUTE STABILITY.
AD-628 954 12B T 66 08 HC$ 6.00 MF$ 1.50

INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 6. EXTREMAL SYSTEMS AND INTRODUCTION OF STATISTICAL DATA.
AD-628 955 12B T 66 08 HC$ 6.00 MF$ 1.50

MINTON, R.
STRUCTURES FOR 360-WATT, 400MHZ UHF POWER TRANSMISSION.
AD-628 712 9A T 66 07 HC$ 2.00 MF$ 0.50

MIONE, ANTHONY J.
A NUCLEAR FUEL CONSISTING OF VERY SMALL, UNIFORMLY DISPERSED UC PARTICLES IN A URANIUM MATRIX.
NCSC-2981-1 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-3 18J U 41 07 HC$ 1.00 MF$ 0.50

MION, ANTHONY J.
A NUCLEAR FUEL CONSISTING OF VERY SMALL, UNIFORMLY DISPERSED UC PARTICLES IN A URANIUM MATRIX.
NCSC-2981-2 18J U 41 07 HC$ 1.00 MF$ 0.50

MIRELES, RAMON
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART III. A METHOD OF EXPERIMENTALLY DERIVING TRANSMISSIVITY.
AD-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50

MISHUTIN, V. A.
THE PROSPECTS FOR USING SAND CONCRETES FOR BUILDING REINFORCED CONCRETE SHIPS, ARMORED CEMENT SHIPS, AND ONE-PIECE INTERSECTIONAL JOINTS.
AD-629 510 13J T 66 08 HC$ 1.00 MF$ 0.50

MISHE, P.
ATLANTIC, DUCT PROJECT.
AD-628 816 20N T 66 07 HC$ 1.10 MF$ 0.50

MISSO, CHARLES E.
1-1/2 INCH ELECTROSTATIC IMAGE DISSECTOR.
N65-18488 20F U 41 07 HC$ 3.00 MF$ 0.50

MITANI, KENJI
COLLISION-INDUCED INSTABILITY IN A MAGNETOACTIVE PLASMA.
PB-169 188 20I U 41 07 HC$ 2.00 MF$ 0.50

MITCHELL, B. A.
HYBRID COMPUTER MONTE-CARLO TECHNIQUES.
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50

MITCHELL, JOHN C.
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

MITCHELL, J. P.
A SUMMARY OF SURFACE EFFECTS OF RADIATION ON SEMICONDUCTOR DEVICES.
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75

MITCHELL, T. E.
STRESSES ON SECONDARY SYSTEMS DUE TO PILED-UP GROUPS OF DISLOCATIONS OF ARBITARY ORIENTATION.
AD-629 749 20B T 66 08

MITCHNER, M.
DIRECT ENERGY CONVERSION SYSTEMS. PART I. ELECTRICAL CONDUCTIVITY OF PARTIALLY IONIZED GASES.
AD-628 528 20I T 66 07 HC$ 3.00 MF$ 0.50

MITRA, S. S.
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

MIWA, THOMAS K.
WAX ESTER SUBSTITUTE FOR JOJOBA OIL FROM THE SEED OF LIMNANTHES DOUGLASII.
PATENT 3,226,406 11G U 41 08

MO ALLISTER, H. C.
STIGMATIC SPECTROGRAPH STUDY.
N66-11670 14B U 41 08 HC$ 1.00 MF$ 0.50

MOAN, DONALD A.
STRESS ANALYSIS OF REINFORCED CIRCULAR AND RECTANGULAR FLAT PLATES.
ANL-7089 20K U 41 08 HC$ 2.00 MF$ 0.50

MOCHEL, J. M.
ANOMALOUS BEHAVIOR OF SUPERCONDUCTING NICRuGEOMETRIES IN THE PRESENCE OF HIGH CURRENT DENSITIES.
AD-629 458 20C T 66 08

DYNAMIC VORTEX EFFECTS IN THIN SUPERCONDUCTORS.
AD-629 460 20C T 66 08

MOD, ROBERT M.
N-OLEOYL-2-ETHYLETHYLENIMINE.
PATENT 3,219,659 11I U 41 07

MOD, ROBERT R.
VINYL CHLORIDE RESINS AND BUTADIENE RUBBERS WITH N-ACYL DERIVATIVES OF CYCLIC IMINES.
PATENT 3,219,612 11I U 41 07

VINYL CHLORIDE RESINS PLASTICIZED WITH N-ACYL DERIVATIVES OF SUBSTITUTED PIPERIDINE.
PATENT 3,219,614 11I U 41 07

MORPHOLIDES OF EPOXIDIZED FATTY ACIDS.
PATENT 3,219,664 11I U 41 07

N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,708 6O U 41 08

DIESTERAMIDE PLASTICIZERS.
PATENT 3,226,403 11I U 41 08

MOFFITT, T. E.
O-RING JOINT TUBES FOR PROTEIN-HYDROLYSATES.
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50

MOISEIWITSCH, B. L.
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE.
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00

MOLL, KENDALL D.
POSTATTACK FARM PROBLEMS. PART II. ATTACK EFFECTS ON INPUTS AND FARM OUTPUT.
AD-629 139 15C T 66 08 HC$19.20 MF$ 1.25

MONAGHAN, THOMAS
PRODUCTION ENGINEERING MEASURE FOR SILICON LINEAR INTEGRATED CIRCUITS.
AD-628 990 9A T 66 08 HC$ 1.00 MF$ 0.50

MONCHICK, L.
TRANSPORT PROPERTIES OF GASEOUS HE 3 AND HE 4.
IMP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50

MOND, BERTRAM
ON DIRECT SUMS AND TENSOR PRODUCTS OF LINEAR PROGRAMS.
AD-629 487 12B T 66 08

MONFORT, JOHN B.
INFLATABLE STRUCTURE TEST PROGRAM.
AD-628 050 13M T 66 07 HC$ 2.00 MF$ 0.50

MONIN, A. S.
THE STRUCTURE OF THE WIND-VELOCITY AND TEMPERATURE FIELDS IN THE ATMOSPHERIC SURFACE BOUNDARY LAYER.
AD-628 973 4B T 66 08 HC$ 2.00 MF$ 0.50

MONROE, R. E.
A STUDY TO DEVELOP A MECHANIZED WELDING PROCEDURE TO JOIN THICK-GAGE ALUMINUM ALLOY PLATE USING NARROW-GAP TECHNIQUES.
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75

MONSEN, HARRY
HISTOPATHOLOGY OF MICE FED IRRADIATED FOODS.
AD-629 418 6E T 66 08

MONTAGUE, WILLIAM E.
THE EFFECTS OF PROTECTIVE MASKING UPON SMOKE GENERATOR AND FUEL SUPPLY TEAM PERFORMANCE (AN ANALYSIS OF AN EXPERIMENT CONDUCTED BY THE U. S. ARMY CHEMICAL CORPS).
AD-628 146 15B T 66 07 HC$ 1.60 MF$ 0.50

ORDNANCE NIKE DETACHMENT ELECTRONICS MAINTENANCE PERSONNEL. ANALYSIS OF ACTIVITIES WITH IMPLICATIONS FOR TRAINING, MAY 1957.
AD-628 165 5I T 66 07 HC$ 7.60 MF$ 0.75

MONTGOMERY, ANTHONY J.
ANALYSIS OF OPTICAL WAVEFRONT DISTORTIONS CAUSED BY THE ATMOSPHERE.
AD-468 153 14E U 41 08 HC$ 3.00 MF$ 0.75

MONTGOMERY, D. BRUCE
FLUX CREEP AS A DOMINANT SOURCE OF DEGRADATION IN SUPERCONDUCTING SOLENOIDS.
AD-629 189 9A T 66 08

MONTGOMERY, RICHARD C.
A STUDY OF MATHEMATICAL SKILLS REQUIREMENTS FOR BASIC ELECTRONICS IN THE U. S. ARMY AIR DEFENSE SCHOOL.
AD-628 701 5I T 66 07 HC$ 2.00 MF$ 0.50

MOODY, T. L.
A TECHNIQUE FOR MEASURING CAPTURE COEFFICIENTS AND APPLICATION TO THE MEASUREMENT OF HYDROGEN ADSORPTION BY TITANIUM.
AD-628 380 14B T 66 07 HC$ 2.00 MF$ 0.50

MOONCAI, HENRY W.
SUPERCONDUCTING ELECTRICAL MACHINERY AS A MEANS OF POWER TRANSMISSION IN AIRCRAFT.
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75

MOONEY, HAROLD M.
SEISMIC STUDIES ON THE ALASKAN COASTAL PLAIN.
AD-628 490 8K T 66 07 HC$10.60 MF$ 0.75

MOONEY, J. F.
RESEARCH ON LOW FREQUENCY MEASUREMENTS.
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50

MOORE, H. S.
THE METEOROLOGICAL INSTRUMENTATION OF SATELLITES.
N66-11227 22B U 41 08 HC$ 3.00 MF$ 0.75

MOORE, J. R.
APOLLO ENTRY RADAR ACQUISTION STUDY.
N66-11199 17I U 41 08 HC$ 2.00 MF$ 0.50

MOORE, J. S.
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS.
AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

MOORE, RICHARD KELLY
AN OPERATING SYSTEM FOR THE LINC COMPUTER.
AD-628 780 9B T 66 07 HC$16.10 MF$ 1.00

MOORE, R. C.
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL OBSERVATORY ON THE MOON.
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

MOORE, R. S.
CHRONIC EFFECTS OF REVASCULARIZING THE ISCHEMIC HYPERTENSIVE KIDNEY UTILIZING A SEGMENT OF ILEUM.
AD-629 177 6E T 66 08

MOORE, R. T.
TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS.
AD-629 365 18C T 66 08

MOORE, THEODORE C.
SUBBOTTOM PROFILE OF ABYSSAL SEDIMENTS IN THE CENTRAL EQUATORIAL PACIFIC.
AD-628 966 8J T 66 08

MORAKIS, J. C.
OPTIMUM QUANTIZATIONS.
N66-11209 9F U 41 08 HC$ 2.00 MF$ 0.50

MORAN, CLIFFORD M.
BISCARBAMATE-FORMALDEHYDE ADDUCTS.
PATENT 3,226,428 11F U 41 08

MORAN, DOROTHY A.
FURTHER RESULTS ON ACOUSTIC RADIATION FROM A FINITE CYLINDER.
AD-628 127 20A T 66 07 HC$ 3.00 MF$ 0.75

MORELL, J. D.
PARAMETRIC ANALYSIS OF DOME-TRANSDUCER INTERACTIONS.
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75

MOREN, RICHARD I.
THE EFFECTS OF PROTECTIVE MASKING UPON SMOKE GENERATOR AND FUEL SUPPLY TEAM PERFORMANCE (AN ANALYSIS OF AN EXPERIMENT CONDUCTED BY THE U. S. ARMY CHEMICAL CORPS).
AD-628 146 15B T 66 07 HC$ 1.60 MF$ 0.50

MOREY, JAMES L.
EXPERIMENTS ON SYSTEMS.
AD-628 558 5H T 66 07

MOREY, R. E.

FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CB-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

MORGAN, IRA L.
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

MORGAN, I. L.
ANGULAR DISTRIBUTION OF GAMMA-RAYS PRODUCED BY FAST NEUTRON INELASTIC SCATTERING IN FE.
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50

MORGENSTERN, ALAN L.
THE NEUROTIC COMPONENT OF NARCOLEPSY.
AD-628 595 6E T 66 07

MORITA, TOHRU
APPLICATION OF THE METHOD OF THE TWO-TIME GREEN'S FUNCTION TO THE HEISENBERG FERROMAGNET. II.
AD-628 400 20C T 66 07

EFFECT OF N-SPIN-WAVE INTERACTION ON THE LOW-TEMPERATURE SPONTANEOUS MAGNETIZATION.
AD-629 080 20C T 66 08

STATISTICAL MECHANICS OF AN ASSEMBLY OF QUASIPARTICLES.
AD-629 616 20J T 66 08

MORRISON, J. A.
TEMPERATURE FACTORS AND THERMODYNAMIC PROPERTIES OF CRYSTALS.
AD-629 745 20B T 66 08

MORRIS, ALAN D.
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75

MORRIS, GARLAND J.
RESPONSE OF A TURBOJET AND A PISTON-ENGINE TRANSPORT AIRPLANE TO RUNWAY ROUGHNESS.
N66-13235 1E U 41 07 HC$ 2.00 MF$ 0.50

MORRIS, G. R.
UNBOUNDED SOLUTIONS OF A SECOND-ORDER DIFFERENTIAL EQUATION WITH NON-NEGATIVE DAMPING.
AD-629 270 12A T 66 08

MORSE, C. ROBERT
INVESTIGATION OF CHARACTERISTICS OF PRESSURE WAVES GENERATED IN WATER FILLED TANKS IMPACTED BY HIGH-VELOCITY PROJECTILES.
N66-13291 20K U 41 07 HC$ 1.00 MF$ 0.50

MORSE, MARSTON
THE DEPENDENCE OF THE SCHOENFLIES EXTENSION ON AN ACCESSORY PARAMETER (THE TOPOLOGICAL CASE).
AD-628 392 12A T 66 07

AN ARBITRARILY SMALL ANALYTIC MAPPING INTO R+ OF A PROPER REGULAR, ANALYTIC R-MANIFOLD IN E(M).
AD-628 393 12A T 66 07

BOWLS, F-FIBRE-BUNDLES AND THE ALTERATION OF CRITICAL VALUES.
AD-629 611 12A T 66 08

MORSH, JOSEPH E.
EVOLUTION OF A JOB INVENTORY AND TRYOUT OF TASK RATING FACTORS.
AD-629 573 5I T 66 08 HC$ 3.60 MF$ 0.50

MORT, K. W.
PERFORMANCE CHARACTERISTICS OF A 4-FOOT-DIAMETER DUCTED FAN AT ZERO ANGLE OF ATTACK FOR SEVERAL FAN BLADE ANGLES.
N66-12140 1A U 41 08 HC$ 1.00 MF$ 0.50

MORZHAKOV, S. P.
DYNAMIC BALANCING OF ROTORS OF GYROSCOPIC SYSTEMS.
AD-628 504 17G T 66 07 HC$29.70 MF$ 1.50

MOSER, J. RONALD
LOW FREQUENCY SHIELDING OF A CIRCULAR LOOP ELECTROMAGNETIC FIELD SOURCE.
AD-629 005 9A T 66 08 HC$ 5.60 MF$ 0.50

MOSES, HARRY E.
RESONANCE SCATTERING OF LYMAN-ALPHA RADIATION BY HYDROGEN IN THE GROUND STATE.
AD-628 493 20F T 66 07 HC$ 2.60 MF$ 0.50

MOSES, H. E.
A FOURIER THEOREM AND ITS APPLICATION TO THE MEASUREMENT OF ELECTROMAGNETIC FIELDS AND QUANTUM MECHANICAL STATES.
AD-407 604 20C U 41 07 HC$ 1.00

MOSHOS, GEORGE J.
DESIGN OF REAL TIME COMPUTERS UTILIZING COUNTING TECHNIQUES.
N65-35834 9B U 41 07 HC$ 3.00 MF$ 0.50

MOSLEY, W. C.
ESR OF X-IRRADIATED SILVER NITRATE.
AD-629 663 7D T 66 08

MOSS, FRANK E.
RECOMBINATION LUMINESCENCE IN THE SCINTILLATION OF NORMAL AND SUPERFLUID LIQUID HELIUM.
AD-628 657 20F T 66 07

MOSS, RICHARD W.
STUDY OF RECEIVER MIXER CHARACTERISTICS.
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50

MOSTROM, R. A.
STUDY OF SHORT TERM PHASE STABILITY.
N66-10889 9C U 41 08 HC$ 1.00 MF$ 0.50

MOTTIN, JAMES
NUCLEIC ACID AND PROTEIN CHANGES DURING DEVELOPMENT IN NORMAL AND VISUALLY DEPRIVED RATS.
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50

MOTT, J. M.
SATELLITE SCINTILLATIONS OBSERVED DURING THE JULY 1963 SOLAR ECLIPSE.
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

MOTULEVICH, A. P.
POWDER METAL MATERIALS FOR MANUFACTURING LARGE-SCALE PARTS IN MACHINE-BUILDING AND CONSTRUCTION.
AD-629 413 11D T 66 08 HC$ 1.10 MF$ 0.50

MOTZKIN, T. S.
POLYNOMIALS OF BEST APPROXIMATION ON AN INTERVAL. II.
AD-629 538 12A T 66 08

MOTZ, H. T.
REPORTS TO THE AEC NUCLEAR CROSS SECTIONS ADVISORY GROUP AT DUKE UNIVERSITY, OCTOBER 13-14, 1965.
WASH-1064 20H U 41 08 HC$ 6.00 MF$ 1.25

MOULIN, L.
RECOVERY OF INTERPLANETARY VEHICLES BY LOW-THRUST BRAKING OUTSIDE THE ATMOSPHERE.
AD-629 209 22C T 66 08

MOULTON, W. G.
ESR OF X-IRRADIATED SILVER NITRATE.
AD-629 663 7D T 66 08

MOURET, J.
ETUDE DE LA MOTRICITE OCULAIRE AU COURS DE LA PHASE PARADOXALE DU SOMMEIL CHEZ LE CHAT (STUDY OF EYE MOVEMENT DURING THE PARADOXICAL PHASE OF SLEEP IN THE CAT).
AD-629 218 6P T 66 08

MOYER, GARDNER H.
NECESSARY CONDITIONS FOR SINGULAR EXTREMALS.
AD-629 021 12B T 66 08

MOYER, W. C.
PARAMETRIC ANALYSIS OF DOME-TRANSDUCER INTERACTIONS.
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75

MRGUDICH, J. N.
THIN-FILM RECHARGEABLE SOLID-ELECTROLYTE BATTERIES.
AD-629 501 10C T 66 08

MUAN, ARNULF
THERMODYNAMIC PROPERTIES OF SOLID SOLUTIONS AT HIGH TEMPERATURES.
TID-21569 11F U 41 08 HC$ 1.00 MF$ 0.50

MUEHE, C. E.
THERMAL CRACKING OF WAVEGUIDE WINDOWS.
AD-628 907 9A T 66 08 HC$ 1.60 MF$ 0.50

MUELLER, STEPHAN
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE.
AD-628 068 8K T 66 07 HC$ 1.00 MF$ 0.50

MUGGIA, ALDO
DISSOCIATION EFFECTS ON THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN A HIGH MACH NUMBER AND LOW REYNOLDS NUMBER HYPERSONIC FLOW.
AD-628 142 20D T 66 07

MULLANEY, G. J.
MAGNETIC INTERACTION EXPERIMENTS WITH SHOCK IONIZED NEON.
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50

MULLEN, J. P.
SATELLITE SCINTILLATIONS OBSERVED DURING THE JULY 1963 SOLAR ECLIPSE.
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

MUNICK, H.
GODDARD PROBLEM WITH BOUNDED THRUST.
AD-629 261 19G T 66 08

MUNN, R. J.
TRANSPORT PROPERTIES OF GASEOUS HE 3 AND HE 4.
IMP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50

MUNTZ, JAMES H.
PLASMA ARC STUDIES FOR ALLOY ANALYSIS.
AD-629 068 11F T 66 08 HC$ 1.00 MF$ 0.50

MURACA, R. F.
POLYMERS FOR SPACECRAFT HARDWARE. MATERIALS SPECIFICATIONS AND ENGINEERING INFORMATION.
N66-10629 11J U 41 08 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF SPECIFICATIONS FOR POLYMERIC MATERIALS.
N66-10630 11J U 41 08 HC$ 1.00 MF$ 0.50

MURASHKO, V. D.
ON THE APPROXIMATE MODELING OF COMBUSTION CHAMBERS OF GAS TURBINES ON NATURAL GAS.
AD-629 474 21E T 66 08 HC$ 1.60 MF$ 0.50

MURPHY, A. P.
ERROR ANALYSIS OF FRESNEL-RING FOCUSING.
AD-629 108 20N T 66 08 HC$ 3.00 MF$ 0.75

MURPHY, DONALD B.
REPORTED VISUAL SENSATION DURING BRIEF EXPOSURE TO REDUCED SENSORY INPUT.
AD-628 959 6S T 66 08 HC$ 1.60 MF$ 0.50

MURPHY, GEORGE P.
SELF-LUBRICATING MATERIALS.
AD-629 674 11H T 66 08 HC$ 2.60 MF$ 0.50

CORROSION INHIBITING RESIN-BONDED SOLID FILM LUBRICANT.
PATENT 3,223,626 11H U 41 08

MURPHY, G. J.
DELTA MODULATION IN FEEDBACK CONTROL SYSTEMS,
AD-629 664 9C T 66 08

MURPHY, W. J.
HANDLING HAZARDOUS MATERIALS.
N65-35394 21D U 41 07 MF$ 0.75

MURRAY, DAVID H.
DEVELOPMENT AND OPERATION OF AN ELECTRICAL-RESISTANCE AIR HEATER FOR THE ARL TWENTY-INCH HYPERSONIC WIND TUNNEL.
AD-628 614 14B T 66 07 HC$ 6.60 MF$ 0.75

MURRAY, JOHN C.
MAXIMIZATION OF TRANSINFORMATION IN PHOTODETECTION.
AD-628 807 9E T 66 07 HC$ 6.60 MF$ 0.75

MURRAY, R. H.
REPEATED, PROLONGED, LOW-INTENSITY +GZ EXPOSURES. ANATOMICAL STUDIES IN DOGS,
AD-628 945 6S T 66 08

MUSAL, H. M.
THE RADAR ABSORPTION EFFECT CAUSED BY VERY THIN PLASMA SHEATHS.
AD-444 071 17I U 41 08 HC$ 1.00

MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

MUTIS, A.
EFFECT OF ABRASIVE PARTICLE SIZE ON WEAR,
AD-628 718 11K T 66 07

MYERS, RONALD E.
DISTRIBUTION OF CORPUS CALLOSUM AND ANTERIOR COMMISSURE IN CAT AND RACCOON,
AD-629 560 6P T 66 08

MYERS, THOMAS I.
REPORTED VISUAL SENSATION DURING BRIEF EXPOSURE TO REDUCED SENSORY INPUT.
AD-628 959 6S T 66 08 HC$ 1.60 MF$ 0.50

MYKOLAJEWYCZ, R.
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

NACHTSHEIM, PHILIP R.
SATISFACTION OF ASYMPTOTIC BOUNDARY CONDITIONS IN NUMERICAL SOLUTION OF SYSTEMS OF NONLINEAR EQUATIONS OF BOUNDARY-LAYER TYPE,
N65-35951 12A U 41 07 HC$ 2.00 MF$ 0.50

ROLE OF CONDUCTIVITY IN HYDROMAGNETIC STABILITY OF PARALLEL FLOWS,
N66-12529 20I U 41 07 HC$ 1.00 MF$ 0.50

NACHTWEY, D. STUART
ACTINOMYCIN D: BLOCKAGE OF CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS,
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50

NADOLINK, RICHARD H.
MEASUREMENT OF LAMINAR VELOCITY PROFILES WITH NON-NEWTONIAN ADDITIVES USING PHOTOMICROSCOPY.
AD-628 568 20D T 66 07 HC$ 2.00 MF$ 0.50

NAGAOKA, YOSUKE
SELF-CONSISTENT TREATMENT OF KONDO'S EFFECT IN DILUTE ALLOYS,
AD-628 434 20C T 66 07

NAGARAJA, KANAKANAHALLI S.
CONCERNING THE VALUE OF A DEFINITE INTEGRAL,
AD-629 486 12A T 66 08

NAGY, A. F.
DIRECT MEASUREMENTS IN THE IONOSPHERE.
N66-12187 4A U 41 08 HC$ 1.00 MF$ 0.50

NAIMAN, CHARLES S.
INVESTIGATION OF THE DYNAMIC PROPERTIES OF PHASE TRANSITIONS OF ORDERED MAGNETIC STATES.
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75

NAKAGAWA, S.
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE.
AD-628 862 7D T 66 07

NALDINI, L.
TRIPHENYLPHOSPHINE-GOLD(0) GOLD(1) COMPOUNDS,
AD-629 303 7D T 66 08

NAMIOKA, TAKESHI
ABSORPTION SPECTRA OF H2 IN THE VACUUM -ULTRAVIOLET REGION, III. POTENTIAL-ENERGY CURVES FOR THE B SINGLET-SIGMA(PLUS)U, C SINGLET-PIU, B SINGLET-SIGMA(PLUS)U, AND D SINGLET-PIU STATES.
AD-628 912 20H T 66 08

NANCE, J. C.
NUCLEAR PULSE PROPULSION,
AD-450 629 21F U 41 08 HC$ 1.00

NARTSISSOV, BORIS
CHEMISTRY OF RARE EARTH AND ACTINIDE DERIVATIVES TETRAPYRROL PIGMENT DERIVATIVES OF RARE EARTH ELEMENTS AND ACTINIDES: ANALYTICAL SURVEY.
AD-629 515 7C T 66 08 HC$ 2.00 MF$ 0.50

NASSIAKOU, MARIA
SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

NASSOS, GEORGE P.
PROPAGATION OF DENSITY DISTURBANCES IN AIR-WATER FLOW.
ANL-7053 18I U 41 08 HC$ 4.00 MF$ 0.75

NATHANSON, NEAL
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE,
AD-628 619 6E T 66 07

NAUMANN, ROBERT J.
PEGASUS SATELLITE MEASUREMENTS OF METEOROID PENETRATION (FEB. 16 - JULY 20, 1965).
N66-13238 22B U 41 07 HC$ 1.00 MF$ 0.50

NAUMER, DALE A.
100 WATT THERMOELECTRIC POWER SYSTEM FOR BUOY APPLICATIONS,
AD-629 006 10B T 66 08 HC$ 1.00 MF$ 0.50

NEAL, W. J.
SAFETY ANALYSIS REPORT SNAPTRAN 2/10A-1 AND-2 SAFETY TESTS,
IDO-17076 18N U 41 08 HC$ 5.00 MF$ 1.00

NEBEKER, E. B.
THERMODYNAMICS OF CHEMICAL COUPLING,
AD-629 249 7D T 66 08

THE CONTINUOUS ABSORPTION SPECTRUM OF IODINE MONOCHLORIDE,
AD-629 253 7D T 66 08

NEED, JOHN L.
ELASTIC AND INELASTIC SCATTERING OF 40-MEV ALPHA PARTICLES FROM EVEN TIN ISOTOPES,
N65-35839 20H U 41 07 HC$ 2.00 MF$ 0.50

OPTIMUM TARGET ORIENTATION IN NUCLEAR REACTION EXPERIMENTS,
N66-10667 20H U 41 07 HC$ 2.00 MF$ 0.50

NEEF, W. I.
FUEL CONSERVATION INDEXES FOR THERMAL REACTORS,
HW-79287 18I U 41 07 HC$ 3.00 MF$ 0.75

NEELY, KEITH K.
A NOISE EXPOSURE DURATION INDICATOR.
AD-629 101 14C T 66 08

NEEPER, DONALD A.
NEGATIVE MAGNETORESISTANCE IN TELLURIUM,
AD-629 508 20L T 66 08

NEE, P.
STRATOSPHERIC TEMPERATURE VARIATIONS, 25 TO 55 KILOMETERS, AT LATITUDE 15 DEGREES N.
AD-628 903 4B T 66 08

NEE, TSU-WEI
COLLISIONAL TRANSFER OF EXCITATION ENERGY IN HELIUM,
AD-628 229 7D T 66 07

NEFEDOVA, YU. G.
PROBLEMS OF RADIATION SAFETY OF SPACE FLIGHTS. PHYSICAL AND BIOLOGICAL INVESTIGA- TIONS WITH HIGH-ENERGY PROTON,
AD-629 421 6R T 66 08 HC$22.70 MF$ 1.25

NEHARI, ZEEV
ON THE ZEROS OF SOLUTIONS OF N-TH ORDER LINEAR DIFFERENTIAL EQUATIONS,
AD-628 412 12A T 66 07

NEIDNER, R.
BORONATED GRAPHITE IRRADIATION STUDIES SUMMARY REPORT OF THERMAL-NEUTRON-SHIELDED EXPERIMENTS CONDUCTED IN THE ETR,
BNWL-161 18F U 41 08 HC$ 1.00 MF$ 0.50

NEISSER, ULRIC
REDIRECTING THE SEARCH PROCESS,
AD-628 561 5J T 66 07

SEARCHING THROUGH WORD LISTS,
AD-628 562 5J T 66 07

NELLIS, D. O.
ANGULAR DISTRIBUTION OF GAMMA-RAYS PRODUCED BY FAST NEUTRON INELASTIC SCATTERING IN FE,
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50

NELSON, AL
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

NELSON, DONALD J.
RADIATION LEVELS ABOARD COMMERCIAL JET AIRCRAFT RESULTING FROM ATMOSPHERIC NUCLEAR WEAPONS TESTS, NOVEMBER 1961 - DECEMBER 1962.
AD-628 970 18H T 66 08

NELSON, D. A.
RESULTS OF THE JPL AERODYNAMIC DAMPING-INPITCH WIND-TUNNEL PROGRAM.
N66-12984 1A U 41 08 HC$ 2.00 MF$ 0.50

NELSON, FRANK B.
THE INFLUENCE OF PRACTICE FRAMES AND VERBAL ABILITY ON PROGRAMED INSTRUCTION PERFORMANCE.
AD-628 444 5I T 66 07 HC$ 2.60 MF$ 0.50

NELSON, J. D.
STUDIES OF LUNAR AND MARTIAN SOIL MECHANICS.
N66-12980 3B U 41 08 HC$ 1.00 MF$ 0.50

NELSON, L. V.
LIGHT WINDS IN THE STRATOSPHERE (15-24 KM). PART 3.
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75

NELSON, PIERRE
PROCESSUS MULTIPHOTONIQUES PROGGUES PAR UN LASER (MULTI-PHOTON PROCESSES BROUGHT ABOUT BY A LASER).
PB-169 161 20H U 41 07 HC$ 1.00 MF$ 0.50

NELSON, RICHARD R.
FULL EMPLOYMENT POLICY AND ECONOMIC GROWTH.
AD-628 201 5C T 66 07 HC$ 2.60 MF$ 0.50

NELSON, W. E.
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS.
N66-11767 7B U 41 08 HC$ 1.00 MF$ 0.50

NESSLER, N.
BEARING TECHNIQUE IN THE NEAR FIELD OF A MAGNETIC TRANSMITTING DIPOLE IN THE VLF REGION.
AD-628 771 20N T 66 07 HC$ 1.60 MF$ 0.50

NESS, N. F.
A QUASI-STATIONARY CO-ROTATING STRUCTURE IN THE INTERPLANETARY MEDIUM.
N66-11213 3A U 41 08 HC$ 2.00 MF$ 0.50

NEUMANN, O.
PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

NEUMAN, ELMER A.
ALO STANDARD STRUCTURE FOR MANAGERIAL DATA.
ALO-1 5A U 41 08 HC$ 3.00 MF$ 0.75

NEURINGER, L. J.
EFFECTS OF HIGH MAGNETIC FIELDS ON THE ULTRASONIC VELOCITY AND ATTENUATION IN NB-25% ZR.
AD-629 185 20C T 66 08

FAR-INFRARED ABSORPTION IN N-TYPE SILICON DUE TO PHOTON-INDUCED HOPPING.
AD-629 187 20L T 66 08

UPPER CRITICAL FIELDS OF NB-TI ALLOYS: EVIDENCE FOR THE INFLUENCE OF PAULI PARAMAGNETISM.
AD-629 195 20L T 66 08

NEUSTADTER, HAROLD E.
DEPENDENCE OF ADSORPTION PROPERTIES ON SURFACE STRUCTURE FOR BODY-CENTERED-CUBIC SUBSTRATES.
N66-12528 7D U 41 07 HC$ 1.00 MF$ 0.50

NEVE, H. L.
REINFORCED CONCRETE. DESIGN DATA.
AD-628 139 13M T 66 07 MF$ 1.00

NEWCOMB, R. W.
ON THE TERMINAL DESCRIPTION OF NONLINEAR NETWORKS.
AD-629 686 9E T 66 08

NEWELL, DIX A.
ORIGIN OF DETONATION-GENERATED IONIZATION WAVES.
AD-629 231 19D T 66 08 HC$ 2.00 MF$ 0.50

DETONATION-GENERATED IONIZATION WAVES AT REDUCED PRESSURES.
AD-629 238 19D T 66 08 HC$ 2.00 MF$ 0.50

NEWMAN, EZRA T.
RESEARCH IN GRAVITATIONAL RADIATION AND SPACE TIME.
AD-432 200 20J U 41 08 HC$ 3.00

NEWMAN, J. NICHOLAS
THE FORCE AND MOMENT ON A SLENDER BODY OF REVOLUTION MOVING NEAR A WALL.
AD-628 161 20D T 66 07 HC$ 1.60 MF$ 0.50

NEWMAN, MELVIN S.
REACTIONS OF CHLOROCARBONIUM IONS.
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50

NEWMAN, PHILLIP A.
PINHOLE ARRAY CAMERA FOR INTEGRATED CIRCUITS.
AD-628 485 14E T 66 07 HC$ 1.00 MF$ 0.50

NEWMAN, P.
TIME DELAYS BETWEEN THE INTENSITY VARIATIONS OF THE 3914 A AND 5577 A SPECTRAL LINES IN ARTIFICIAL AURORAS.
AD-629 121 4A T 66 08

NEWTON, JOHN M.
COMPUTER-ASSISTED INSTRUCTION: A SURVEY OF THE LITERATURE.
AD-628 953 5I T 66 08 HC$ 2.00 MF$ 0.50

NEYNABER, R. N.
MEASUREMENTS OF ABSOLUTE TOTAL CROSS SECTIONS FOR RARE-GAS SCATTERING.
AD-629 362 7D T 66 08

NICHOLSON, THOMAS C.
CHANGES IN BLOOD COAGULABILITY IN DOGS-FOLLOWING FLASH BURNS.
AD-628 123 6E T 66 07

NICHOLS, R. T.
THE COMMON MARKET AND EUROPEAN UNIFICATION.
AD-629 133 5C T 66 08 HC$ 4.00 MF$ 0.75

NICKELL, E. H.
AN INVESTIGATION OF THE PANEL COLLAPSE STRENGTH OF STIFFENED PLASTIC HEMISPHERES.
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50

NIELSEN, JACK N.
THEORETICAL AERODYNAMICS OF FLEXIBLE WINGS AT LOW SPEEDS. V. ENGINEERING METHOD FOR ESTIMATING PARAWING PERFORMANCE.
AD-628 579 20D T 66 07 HC$11.60 MF$ 0.75

NIEMOELLER, A. F.
A MOBILE LABORATORY FOR GROUP HEARING TESTS.
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50

NIGAM, A. N.
ORIGIN OF ANOMALOUS SURFACE REFLECTION OF X RAYS.
AD-629 257 20H T 66 08

NIGHAN, W. L.
INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS.
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50

NIJBOER, B. R. A.
SOME TOPICS IN STATISTICAL MECHANICS. (MOLECULAR DISTRIBUTION FUNCTIONS, CLUSTER EXPANSIONS, ETC.) A SERIES OF LECTURES.
ANL-7063 20L U 41 08 HC$ 3.00 MF$ 0.75

NIKOLAENKO, V. A.
METHOD OF MEASURING THE TEMPERATURE OF OBJECTS OF DIFFICULT ACCESS AT TIME OF OPERATION.
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50

NIKOLAEVSKII, I. F.
TRANSISTORS AND SEMICONDUCTOR DIODES.
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00

NIKOLAEV, B. A.
CONCERNING CREAM-FORMING CAPACITY OF BUTTER.
AD-628 422 6H T 66 07 HC$ 1.00 MF$ 0.50

NIKOLAEV, V. S.
VISCOUS HYPERSONIC FLOW WITH PARABOLIC AXIALLY SYMMETRIC SHOCK.
AD-629 044 20D T 66 08 HC$ 1.00 MF$ 0.50

NILES, FRANKLIN E.
TEMPERATURE DEPENDENCE OF THE RATE OF CONVERSION OF HE(+) INTO HE2(+).
AD-628 447 7D T 66 07

NIRENBERG, L.
NON-COERCIVE BOUNDARY VALUE PROBLEMS.
AD-628 714 12A T 66 07

NISBET, J. S.
ROCKET INSTRUMENTATION FOR THE MEASUREMENT OF D-REGION ELECTRON DENSITY AND COLLISION FREQUENCIES.
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50

NISHIMURA, HIROYUKI
MEASUREMENT OF THE EXCITATION FUNCTION OF N(2+) FIRST NEGATIVE BANDS BY ELECTRON IMPACT.
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50

NIXON, MARION
SOME OBSERVATIONS ON THE FOOD INTAKE AND LEARNING IN OCTOPUS VULGARIS.
AD-628 370 6C T 66 07

FURTHER OBSERVATIONS ON FORCES EXERTED BY OCTOPUS VULGARIS.
AD-629 299 6C T 66 08

NOAKES, JOHN E.
ELECTRODEPOSITION OF ACTINIDES AND LANTHANIDES.
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50

NOBART, E. W.
STATUS OF METHODS FOR DETERMINING CARBON, OXYGEN AND NITROGEN IN ALKALI METALS.
TIM-900 7B U 41 08 HC$ 1.00 MF$ 0.50

NOBLE, MERRILL
TASK PREDICTABILITY IN THE ORGANIZATION, ACQUISITION, AND RETENTION OF TRACKING SKILL.
AD-629 566 5J T 66 08

NOBLE, M. L.
LARGE-AREA ELECTRONIC DISPLAY PANEL.
AD-294 845 9A U 41 08 HC$ 4.00

NOHEL, J. A.
PERTURBATIONS OF A NONLINEAR VOLTERRA EQUATION,
AD-628 088 12A T 66 07

NOISEUX, DENIS U.
DYNAMIC RESPONSE, ENERGY METHODS, AND TEST CORRELATION OF FLIGHT VEHICLE EQUIPMENTS.
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00

NOLAN, GEORGE F.
A VERIFICATION OF THE USE OF THE EFFECTIVE VERTICALLY INTEGRATED STANDARD DEVIATION OF THE WIND IN ESTIMATING DISPERSION OF VERTICALLY RISING BALLOONS.
AD-628 875 1A T 66 07 HC$ 3.60 MF$ 0.50

NOLAN, J. F.
ELECTRON COLLISION CROSS SECTIONS IN METAL VAPORS.
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50

NOLTES, J. G.
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

NORBERG, R. E.
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

NORDMARK, G. E.
THE FATIGUE AND STATIC PROPERTIES OF BUTT WELDS IN STRUCTURAL STEELS,
AD-628 154 11F T 66 07 MF$ 0.75

NORFLEET, GLENN D.
RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

NORMAN, J. E.
EXACT DISTRIBUTION OF THE SUM OF INDEPENDENT IDENTICALLY DISTRIBUTED DISCRETE RANDOM VARIABLES,
AD-628 654 12A T 66 07

NORMENT, H. G.
DEVELOPMENT OF AN IMPROVED LAND-SURFACE FALLOUT MODEL.
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00

NORSWORTHY, MARY E.
A STUDY OF EARLY GREYOUT THRESHOLD AS AN INDICATOR OF HUMAN TOLERANCE TO POSITIVE RADIAL ACCELERATORY FORCE.
AD-468 310 6S U 41 08 HC$ 1.00 MF$ 0.50

NORTHOVER, F. H.
THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART I. PLANE DISTRIBUTIONS.
AD-294 474 20I U 41 08 HC$ 1.00

THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART II. CYLINDRICAL DISTRIBUTIONS.
AD-294 866 20I U 41 08 HC$ 3.00

NORTH, W. P. T.
DYNAMIC STRESS CONCENTRATION USING PHOTOELASTICITY AND A LASER LIGHT SOURCE,
PB-169 142 20K U 41 07 HC$ 1.00 MF$ 0.50

NOSHKIN, VICTOR E.
CESIUM 131 TRACER FOR YIELD DETERMINATION IN CESIUM RADIOCHEMISTRY.
AU-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50

NOTON, BRYAN R.
A SURVEY OF COMPOSITE MATERIALS AND STRUCTURES,
AD-628 668 11D T 66 07 HC$ 1.00 MF$ 0.50

NOVAK, ARTHUR F.
N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,708 6O U 41 08

NOVAK, G.
A LOW-NOISE, MULTIPLE-FUNCTION, X-BAND TRAVELING-WAVE TUBE.
AD-628 353 9A T 66 07 HC$ 2.00 MF$ 0.50

NOVICK, R.
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75

AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75

NOVIER, PHILLIP
RUSSIAN STENOTYPE EQUIPMENT. VOLUME I. RUSSIAN STENOTYPE SYSTEMS CODES, COMPUTER SYSTEMS, AND TRAINING.
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN STENOTYPE EQUIPMENT. VOLUME II. RUSSIAN STENOTYPE TERMINAL EQUIPMENT AND INPUT MULTIPLEXING.
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME III. RUSSIAN STENOTYPE TRAINING AND EVALUATION MACHINE.
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME IV. INSTRUCTOR'S TRAINING MANUAL FOR RUSSIAN STENOTYPE.
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75

NOWACKI, P. E.
UBER DAS UNTERSCHIEDLICHE VERHALTEN DER DIURESE BEI INTRAPORTALEN UND INTRACAVALEN INFUSIONEN VON WASSER UND 0,90/O NACLLOSUNG AN DER WACHEN RATTE (THE DIFFERENT DIURETIC EFFECTS OF WATER AND ISOTONIC SALINE INFUSION INTO THE PORTAL VEIN AND VENA CAVA OF THE UNANESTHETIZED RAT),
AD-628 372 6P T 66 07

NOWICK, A. S.
DEFECTS IN CRYSTALS.
NYO-2811-23 20B U 41 07 HC$ 3.00 MF$ 0.75

NUDELMAN, S.
A PHOSPHOR-BELT DISPLAY SYSTEM FOR PROVIDING AN ENDLESS RASTER LINE SCAN,
AD-265 898 17B U 41 08 HC$ 1.00

NUESE, C. J.
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS,
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50

AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

NUSBAUM, WILLIAM J.
APPARATUS FOR ABSORBING AND MEASURING POWER.
PATENT 3,221,547 10A U 41 07

NUSIMOVICI, MICHEL
REGLES DE SELECTION POUR LA DIFFUSION RAMAN ET L'ABSORPTION INFRAROUGE DANS LA WURTZITE,
AD-629 702 20L T 66 08

NUSSBAUM, R. H.
INTERNAL CONVERSION IN FE57 FROM THE MOSSBAUER EFFECT IN IRON,
AD-628 824 20H T 66 07

MEAN-SQUARE NUCLEAR DISPLACEMENT OF FE57 IN ZN FROM THE MOSSBAUER EFFECT,
AD-628 825 20H T 66 07

NUUMA, KH.
GUIDE FOR THE TALLIN RESIDENT,
AD-628 418 8F T 66 07 HC$ 2.00 MF$ 0.50

NYMAN, D. H.
A HIGH TEMPERATURE CREEP MACHINE FOR IN-CELL OPERATION,
BNWL-137 18J U 41 08 HC$ 1.00 MF$ 0.50

OAKES, J. B.
DESIGN OF THE TRANSIT SATELLITE ELECTRONICS SYSTEM,
PB-169 244 9E U 41 07 HC$ 2.00 MF$ 0.50

OATES, GORDON C.
ELECTRICAL CONDUCTIVITY MEASUREMENTS IN A FARADAY ACCELERATOR,
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50

ODER, R. R.
TEMPERATURE-OSCILLATION METHOD FOR OBSERVING DE-HAAS-VAN ALPHEN OSCILLATIONS AND OTHER MAGNETIC PHENOMENA,
AD-629 194 20C T 66 08

OFER, S
MOSSBAUER EFFECT IN DY161 IN METALLIC DYSPROSIUM, DYFE2, AND DYAL2,
AD-629 236 20H T 66 08

OHANLON, T. W.
ZERO-G REPORT. LH2. FILM BOILING,
N66-11241 20M U 41 08 HC$ 1.00 MF$ 0.50

OHTSUKI, M.
MACROMOLECULAR ORGANIZATION OF HEMO- CYANINS AND APOHEMOCYANINS AS REVEALED BY ELECTRON MICROSCOPY,
N66-11770 6A U 41 08 HC$ 3.00 MF$ 0.75

OKE, J. B.
EFFECTIVE TEMPERATURES AND GRAVITIES OF AP, AM, AND NORMAL A-TYPE STARS,
AD-629 376 3B T 66 08

OKIISHI, T. H.
FLUID VELOCITY PROFILE DEVELOPMENT FOR TURBULENT FLOW IN SMOOTH ANNULI.
N66-11181 20D U 41 08 HC$ 5.00 MF$ 1.00

OKI.
ON CONTROL SYSTEM EQUIVALENTS OF SOME DECISION THEORETIC THEOREMS,
AD-628 265 A12B,T 66 07

OLCOTT, JOHN W.
A SURVEY OF V/STOL WIND TUNNEL WALL CORRECTIONS AND TEST TECHNIQUES,
AD-629 884 14B T 66 08 HC$ 3.00 MF$ 0.75

OLEN, E.
THE ASSOCIATION OF HYPERTHYROIDISM AND THYROID CANCER,
AD-628 477 6E T 66 07

OLIVER, F. W. J.
ON THE ASYMPTOTIC SOLUTIONS OF SECONDORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF RANK ONE, WITH AN APPLICATION TO WHITTAKER FUNCTIONS.
AD-628 665 12A T 66 07

OLIVER, NORMAN J.
GEOPHYSICS AND SPACE DATA BULLETIN, VOLUME III NUMBER 3.
AD-629 696 4A T 66 08 HC$ 6.00 MF$ 1.25

OLSON, H. P.
CONTROL OF THE DISSOLVED GASES IN THE MODERATOR OF THE HEAVY

WATER COMPONENTS TEST REACTOR,
DP-988 18I U 41 08 HC$ 2.00 MF$ 0.50

OLVER, F. W. J.
ERROR BOUNDS FOR ASYMPTOTIC SOLUTIONS OF SECOND-ORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF ARBITRARY RANK.
AD-628 663 12A T 66 07

ONARAN, K.
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

ONAT, E. T.
INTEGRAL REPRESENTATION OF CREEP AND RATE SENSITIVITY IN METALS.
AD-460 373 20K U 41 08 HC$ 3.60

ONG, R. S. B.
THE GENERAL CONSERVATION LAWS IN A DILUTE PLASMA,
AD-628 292 20I T 66 07

ORANGE, ARNOLD
RESULTS OF DEEP RESISTIVITY MEASUREMENTS IN SIX PRECAMBRIAN AREAS OF THE WESTERN U. S.
AD-628 695 86 T 66 07 HC$ 5.60 MF$ 0.50

DEEP RESISTIVITY INVESTIGATIONS IN THE CONTINENTAL UNITED STATES.
AD-628 908 86 T 66 08 HC$ 3.00 MF$ 0.75

ORDAL, ERLING J.
THE FINE STRUCTURE OF TWO UNUSUAL STALKED BACTERIA,
AD-628 689 6M T 66 07

OREY, STEVEN
CONVERGENCE OF WEIGHTED AVERAGES OF INDEPENDENT RANDOM VARIABLES,
AD-629 602 12A T 66 08

OSBORNE, S. C.
ESTABLISHMENT OF STANDARDS FOR COMPATABILITY OF PRINTED CIRCUIT AND COMPONENT LEAD MATERIALS.
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00

OSBORN, GAROLD K.
A PERSISTENT METABOLIC EFFECT OF X RAYS OR NEUTRONS,
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50

OSBORN, J. R.
CONTINUOUS MEASUREMENT OF SOLID PROPELLANT BURNING RATES,
AD-629 070 21I T 66 08

OSTBY, FREDERICK P.
BALLISTIC WINDS STUDY.
AD-629 277 19D T 66 08 HC$ 3.60 MF$ 0.50

OTIS, LEON S.
CHRONIC ELECTROSHOCK: EFFECTS ON BRAIN WEIGHT, BRAIN CHEMISTRY, AND BEHAVIOR,
AD-628 243 5J T 66 07

OTSUKA, MASAMOTO
MEASUREMENT OF THE EXCITATION FUNCTION OF N(2+) FIRST NEGATIVE BANDS BY ELECTRON IMPACT.
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50

OTTER, J. M.
TUNGSTEN RESONANCE INTEGRALS AND DOPPLER COEFFICIENTS.
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50

OTTLINGER, JOHN A.
THE COMPUTER ORIENTED DESIGN OF ELECTRONIC DEVICES. (CODED). PROJECT--REVISED PROGRAM FOR POWER TRANSFORMERS.
AD-628 535 9A T 66 07 HC$ 3.00 MF$ 0.75

OTTO, W. H.
THE EFFECTS OF MOISTURE ON THE STRENGTH OF GLASS FIBERS: A LITERATURE REVIEW,
AD-629 370 11E T 66 08 HC$ 3.00 MF$ 0.50

OUTI, AKIZI
NON-LINEAR MOTION OF TWO ION STREAMS IN A BACKGROUND OF HIGH TEMPERATURE ELECTRONS.
PB-169 190 20I U 41 08 HC$ 2.00 MF$ 0.50

OVERBECK, W. P.
PRODUCTION OF TRANSPLUTONIUM ELEMENTS AT SAVANNAH RIVER,
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50

OWENS, R. V.
AERODYNAMIC CHARACTERISTICS OF SPHERICALLY BLUNTED CONES AT MACH NUMBERS FROM 0.5 TO 5.0,
N66-12138 1A U 41 08 HC$ 3.00 MF$ 0.50

OWENS, T. F.
SCOUT MOTOR PERFORMANCE ANALYSIS AND PREDICTION STUDY (PAPS).
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25

OWEN, JOEL
NON-PARAMETRIC PATTERN RECOGNITION. PART I. THE LOCALLY DISJOINT CASE.
AD-628 706 6D T 66 07 HC$ 1.00 MF$ 0.50

NON-PARAMETRIC PATTERN RECOGNITION. PART II. THE NON-DISJOINT CASE.
AD-628 707 6D T 66 07 HC$ 1.00 MF$ 0.50

A SCHEME FOR LINEAR RECOGNITION BASED ON SELF-DETERMINED INTER-CATEGORY FEATURES.
AD-628 708 6D T 66 07 HC$ 1.00 MF$ 0.50

TWO CLASSES OF NON-PARAMETRIC TECHNIQUES FOR PATTERN RECOGNITION AND THEIR ERROR ANALYSIS.
AD-628 709 6D T 66 07 HC$ 1.00 MF$ 0.50

THE CONSISTENCY OF A NON-PARAMETRIC DECISION PROCEDURE.
AD-628 710 6D T 66 07 HC$ 1.00 MF$ 0.50

O'BRIEN, DANIEL H.
SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES,
AD-629 492 7C T 66 08

O'BRIEN, R. N.
OXIDATION OF HYDROGEN ON NICKEL ELECTRODES IN SODIUM HYDROXIDE SOLUTION.
AD-628 250 7B T 66 07

O'BRIEN, VIVIAN
MAGNETIC FIELD COMPUTATIONS FOR UNIFORMLY MAGNETIZED BODIES WITH ODD SHAPES,
AD-458 418 20C U 41 08 HC$ 5.60

O'LEARY, TIMOTHY J.
GLUCOSE TOLERANCE RESPONSES IN YOUNG ADULTS OF SHARPLY CONTRASTING PERIODONTAL STATUS.
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50

O'REAR, J. G.
ANALYSIS FOR ACYL COMPONENTS OF NEOPENTYL POLYOL ESTER LUBRICANTS.
AD-628 914 11H T 66 08 HC$ 1.00 MF$ 0.50

PACIFICI, J. GRADY
HYDROCARBON DIANION RADICALS,
AD-629 549 7C T 66 08

PACKCHANIAN, ARDZROONY
SUSCEPTIBILITY OF PEROMYSCUS CALIFORNICUS CALIFORNICUS TO INFECTION WITH LEISHMANIA DONOVANI,
AD-628 153 6M T 66 07

PADGETT, EDWARD D.
DIRECT COUPLED LOGIC CIRCUIT.
PATENT 3,218,470 9A U 41 07

PAHL, PETER JAN
DYNAMIC TESTS OF MODEL STEEL STRUCTURES.
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00

PAINTER, ROBERT B.
ANALYSIS OF THE EXTRATERRESTRIAL LIFE DETECTION PROBLEM,
N65-34227 6C U 41 07 HC$ 2.00 MF$ 0.50

PAKISER, L. C.
SEISMIC STUDY OF CRUSTAL STRUCTURE IN THE SOUTHERN ROCKY MOUNTAINS.
AD-628 163 86 T 66 07 HC$ 1.00 MF$ 0.50

PALMER, F. H.
A METHOD OF DETERMINING CROSS-CORRELATION COEFFICIENTS OF TIME-VARYING SIGNALS,
AD-629 325 20N T 66 08

PALMER, HAROLD D.
GEOLOGIC STUDIES OF SOUTHERN CALIFORNIA SUBMARINE CANYONS.
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75

PALMER, J. L.
MISSILE DYNAMICS FOR STABILITY ANALYSIS. VOLUME I. DERIVATION OF EQUATIONS,
N66-10756 16B U 41 08 HC$ 4.00 MF$ 0.75

PAL, ALEXANDER
SOLUTION OF A NON-LINEAR BOUNDARY VALUE PROBLEM IN FLUID MECHANICS USING A VARIATIONAL METHOD,
AD-629 629 20D T 66 08 HC$ 8.60 MF$ 0.75

PANELLA, R. F.
CONTINUOUS MEASUREMENT OF SOLID PROPELLANT BURNING RATES,
AD-629 070 21I T 66 08

PANOFSKY, HANS A.
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

PANZER, RICHARD E.
CHEMOELECTRIC ENERGY CONVERSION FOR NONAQUEOUS RESERVE BATTERIES.
AD-628 999 10C T 66 08 HC$ 2.60 MF$ 0.50

PAN, C. H. T.
DISTORTION OF GAS THRUST BEARING DUE TO VISCOUS SHEAR.
AD-629 038 13I T 66 08 HC$ 2.00 MF$ 0.50

PAPA, ROBERT J.
FORM OF THE ELECTRON DISTRIBUTION FUNCTION IN A TIME-VARYING PLASMA.
AD-628 637 20I T 66 07

THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. I. KINETICS OF HIGH-TEMPERATURE AIR IN THE PRESENCE OF AN ELECTROMAGNETIC FIELD.
AD-628 906 20I T 66 08

THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. II. NONLINEAR REFLECTION AND TRANSMISSION COEFFICIENTS OF AN INHOMOGENEOUS PLASMA SLAB.
AD-628 910 20I T 66 08

PAPI, F.
RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. III. ELECTRORETINOGRAPHIC RESPONSES TO POLARIZED LIGHT,
AD-628 376 6C T 66 07

PAPROCKI, STAN J.
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING OCTOBER 1965,
BMI-1748 (DEL.) 18J U 41 08 HC$ 2.00 MF$ 0.50

PAQUETTE, D. R.
RELATIVE TRANSITION PROBABILITIES FOR PROMINENT NI I AND NI II LINES IN THE NEARULTRAVIOLET,
AD-629 324 7D T 66 08

PAREIRA, MORTON D.
TO STUDY THERAPEUTIC PROPERTIES OF BLOOD PLASMA IN THE THERAPY OF TOURNIQUET SHOCK.
AD-466 292 6E U 41 07 HC$ 1.00 MF$ 0.50

PARKER, H. W.
LARGE-ANGLE DEFLECTION TECHNIQUES FOR LASER DISPLAY.
AD-628 646 20E T 66 07 HC$ 2.00 MF$ 0.50

PARKER, J. F.
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE,
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

PARKER, RICHARD J.
BEARING LIFE AND FAILURE DISTRIBUTION AS AFFECTED BY ACTUAL COMPONENT DIFFERENTIAL HARDNESS,
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50

PARKER, R. J.
ROLLING-CONTACT LUBRICATION STUDIES WITH POLYPHENYL ETHERS AT REDUCED PRESSURE,
N66-12142 11H U 41 08 HC$ 1.00 MF$ 0.50

PARKHOMENDO, E. I.
INVESTIGATION OF THIN SAMPLES OF MINERAL ROCK UNDER CONDITIONS OF SHEAR DUE TO TORSION AND UNIDIRECTIONAL STRESS.
AD-629 046 8G T 66 08 HC$ 1.00 MF$ 0.50

PARKS, R. D.
ANOMALOUS BEHAVIOR OF SUPERCONDUCTING MICROGEOMETRIES IN THE PRESENCE OF HIGH CURRENT DENSITIES,
AD-629 458 20C T 66 08

DYNAMIC VORTEX EFFECTS IN THIN SUPERCONDUCTORS,
AD-629 460 20C T 66 08

QUANTIZED VORTICES IN SUPERCONDUCTORS,
AD-629 463 20C T 66 08

PARMUZIA, YU P.
CHRONICLE: ALL UNION CONFERENCE ON LANDSCAPING IN ALMA-ATA (6TH),
AD-628 533 8F T 66 07 HC$ 1.00 MF$ 0.50

PARSONS, ROCNEY L.
PRESYNAPTIC EFFECTS OF POTASSIUM ION ON THE MAMMALIAN NEUROMUSCULAR JUNCTION,
AD-628 266 6P T 66 07

PARUNGO, FARN PWU
BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IRRATION STUDIES OF SOME SUBSTITUTED DIBENZO BICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES,
AD-629 547 7C T 66 08

PASCHALL, R. K.
TUNGSTEN RESONANCE INTEGRALS AND DOPPLER COEFFICIENTS,
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50

PASKIND, J.
SCOUT MOTOR PERFORMANCE ANALYSIS AND PREDICTION STUDY (PAPS),
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25

PASK, GORDON
SOME COMMENTS ON THE ORGANIZATION OF MEN, MACHINES, AND CONCEPTS,
AD-628 141 6D T 66 07 HC$ 1.00 MF$ 0.50

PASTINE, D. JOHN
THE EXISTENCE AND IMPLICATIONS OF CURVATURE IN THE RELATION BETWEEN SHOCK AND PARTICLE VELOCITIES FOR METALS,
AD-629 428 20K T 66 08 HC$ 2.60 MF$ 0.50

PASTORE, J. R.
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES,
AD-629 514 20L T 66 08

PATCH, R. W.
ABSOLUTE INTENSITY MEASUREMENTS FOR THE 2.7 MICRON BAND OF WATER VAPOR IN A SHOCK TUBE,
AD-629 612 7D T 66 08

PATE, JACK L.
THE FINE STRUCTURE OF TWO UNUSUAL STALKED BACTERIA,
AD-628 689 6M T 66 07

PATTEE, H. E.
EFFECT OF OUTPUT CURRENT WAVEFORM ON THE PROPERTIES OF ALUMINUM WELDS,
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50

PATTENSON, C. F.
CALIBRATION FACILITY FOR RF QUANTITIES OFFERS CENTRAL TIE-IN FOR TESTING LABS,
AD-629 752 14B T 66 08

PATTERSON, D. A.
ESH-4 TEST PROGRAM. REPORT ON FUEL ELEMENTS IRRADIATED IN THE E-SADE LOOP OF THE VALLECITOS BOILING WATER REACTOR,
ACNP-65006 18J U 41 07 HC$ 4.00 MF$ 0.75

PAULKOVICH, J.
DYNAMIC SOLAR CELL POWER SYSTEM SIMULATOR,
N66-11204 14B U 41 08 HC$ 1.00 MF$ 0.50

SOLID STATE AMPERE HOUR INTEGRATOR,
N66-11205 14B U 41 08 HC$ 1.00 MF$ 0.50

THE BATTERY CHARGER FOR THE ATMOSPHERE EXPLORER B SPACECRAFT,
N66-11208 10B U 41 08 HC$ 2.00 MF$ 0.50

PAULL, S.
LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES,
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50

PAULSON, A. S.
THE PERFORMANCE OF SEVERAL TESTS FOR OUTLIERS,
AD-628 655 12A T 66 07

PAUL, W.
PRESSURE-TUNED PBSE DIODE LASER,
AD-628 560 20E T 66 07

PAXSON, B. N.
A MASS SPECTROMETRIC ANALYSIS OF DC 704 DIFFUSION-PUMP OIL FRAGMENTATION,
N65-35833 7D U 41 07 HC$ 1.00 MF$ 0.50

PEACOR, DONALD R.
STUDY OF POLYTYPIC PHASE RELATIONS AMONG COMPLEX INORGANIC STRUCTURES.
AD-629 438 8G T 66 08 HC$ 1.60 MF$ 0.50

PEARCE, DOUGLAS C.
NEGATIVE MAGNETORESISTANCE IN TELLURIUM,
AD-629 508 20L T 66 08

PEARLSTEIN, L. D.
THEORETICAL STUDY OF SPACE PLASMAS.
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75

PEARSON, A. E.
ON THE FORMULATION OF ADAPTIVE OPTIMAL CONTROL PROBLEMS,
AD-629 691 9C T 66 08

PECCEI, R.
THERMAL EFFECTS ON THE FLUORESCENCE LIFETIME AND SPECTRUM OF MGO:V(2+),
AD-629 266 20L T 66 08

PECHT, ISRAEL
ULTRASOUND CHEMICAL EFFECTS ON PURE ORGANIC LIQUIDS,
AD-629 295 7C T 66 08

PECK, JAMES G.
CAVITATION TESTS OF A TRACTOR PROPELLER ARRANGEMENT FOR THE PC(H),
AD-628 854 13J T 66 07 HC$ 4.60 MF$ 0.50

PECK, R. A.
REACTION STUDIES WITH FAST NEUTRONS.
NYO-1082-1 20H U 41 07 HC$ 2.00 MF$ 0.50

PEDERSEN, ERIK S.
FLEXIBLE COLD SIDE FOR THERMOELECTRIC MODULE.
PATENT 3,221,508 13A U 41 07

PEDLOSKY, JOSEPH
ON THE STABILITY OF BAROCLINIC FLOWS AS A FUNCTIONAL OF THE VELOCITY PROFILE.
AD-629 031 4A T 66 08

PEERY, D. J.
POST-BUCKLING STRENGTH OF A PRESSURIZED CYLINDER,
N66-11245 20K U 41 08 HC$ 1.00 MF$ 0.50

PEETERS, J.
AN EMPIRICAL METHOD FOR THE ESTIMATION OF BOND DISSOCIATION ENERGIES,
AD-629 027 7D T 66 08

PELEG, BEZALEL
THE STRUCTURE OF THE KERNEL OF A COOPERATIVE GAME.
AD-628 172 12B T 66 07 HC$ 6.60 MF$ 0.75

PELLEGRINO DE IRALDI, AMANDA
THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND,
AD-629 053 6Q T 66 08

PELLEGRINO DE IRALDI, A.
ULTRASTRUCTURE AND PHARMACOLOGICAL STUDIES OF NERVE ENDINGS IN THE PINEAL ORGAN,
AD-628 435 6P T 66 07

PELLEGRINO, JOSE
BASIC BIOLOGY AND TROPISTIC BEHAVIOR OF SCHISTOSOMA MANSONI CERCARIAE RELATING TO CERCARICIDAL AGENTS.
AD-467 125 6C U 41 07 HC$ 1.00 MF$ 0.50

PELTZER, C. P.

INVESTIGATION OF EQUATION OF STATE OF POROUS EARTH MEDIA.
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00

PENDLETON, W. R.
RADIATIVE LIFETIMES AND EXCITATION MECHANISMS IN HELIUM.
AD-629 540 20J T 66 08

PENTSCHEW, ANGEL
MORPHOLOGY AND MORPHOGENESIS OF LEAD ENCEPHALOPATHY.
AD-629 314 6T T 66 08

PEPPER, CLEMENT S.
SIMPLE SWITCHING CIRCUIT THAT KEEPS RECORDER ON SCALE.
AD-629 140 14C T 66 08

PEREZ, JUAN CARLOS
RADIATION DAMAGE IN MUSCLE MEMBRANES AND REGULATION OF CELL METABOLISM.
AD-629 215 6R T 66 08 HC$ 3.00 MF$ 0.75

PERKINS, C. K.
CAPACITANCE MASS SENSING OF BOILING PROPELLANTS.
N66-11244 21H U 41 08 HC$ 3.00 MF$ 0.50

PERKINS, FRANCIS
ENHANCEMENT OF PLASMA DENSITY FLUCTUATIONS BY NONTHERMAL ELECTRONS.
AD-629 336 4A T 66 08

PERKINS, F. W.
INCOHERENT SCATTER FROM PLASMA OSCILLATIONS IN THE IONOSPHERE.
AD-629 337 4A T 66 08

PERRY, DALLIS K.
HETEROGENEOUS KEY DEVELOPMENT: VOCATIONAL INTERESTS OF COMPUTER PROGRAMMERS.
AD-628 207 5I T 66 07 HC$ 1.00 MF$ 0.50

PERRY, HAROLD
METABOLIC CHANGES IN HUMANS FOLLOWING TOTAL BODY IRRADIATION.
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50

PERSIANI, P. J.
FARET CORE I FUEL IRRADIATION PROGRAM AND REFERENCE DESIGN.
ANL-7106 18H U 41 07 HC$ 2.00 MF$ 0.50

PERSON, WILLIS B.
ABSOLUTE INFRARED INTENSITIES OF THE FUNDAMENTAL ABSORPTION BANDS IN SOLID CARBONYL SULFIDE.
AD-629 464 7D T 66 08

ABSOLUTE INFRARED INTENSITIES IN MIXED HYDROGEN HALIDE CRYSTALS.
AD-629 465 7D T 66 08

PERSTEIN, MILLARD H.
NUMBERED-LINE SYNTACTIC DESCRIPTION OF JOVIAL (J3).
AD-628 212 9B T 66 07 HC$ 1.00 MF$ 0.50

PER, GLOERSEN
DENSITY OF PULSED PLASMA.
AD-628 516 20I T 66 07 HC$ 2.60 MF$ 0.50

PETERNELL, FRANK
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-628 769 9E T 66 07 HC$ 2.60 MF$ 0.50

PETERSEN, EDWARD
INELASTIC SCATTERING AT 45.5 MEV PROTONS FROM BERYLLIUM AND CARBON.
AD-628 932 20H T 66 08 HC$ 7.60 MF$ 0.75

PETERSON, JOHN J.
FATIGUE BEHAVIOR OF TI-8AL-1MO-1V SHEET IN A SIMULATED WING STRUCTURE UNDER THE ENVIRONMENT OF A SUPERSONIC TRANSPORT.
N66-10606 11F U 41 07 HC$ 3.00 MF$ 0.75

PETERSON, L. E.
TRIMETHYLENECYCLOPROPANE.
AD-629 394 7C T 66 08

PETERSON, V. Z.
POLARIZATION OF THE RECOIL PROTON FROM PI(0) 0 PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

PETERS, EDWARD T.
THE PREPARATION AND STRUCTURE OF THIN FILMS OF BORON ON SILICON.
AD-628 632 20L T 66 07

PETERS, E. T.
PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS.
AD-629 061 7D T 66 08 HC$ 3.00 MF$ 0.75

ANALYSES OF VAPORIZATION IN LIQUID URANIUM BEARING SYSTEMS AT VERY HIGH TEMPERATURES.
N66-12256 20M U 41 07 HC$ 2.00 MF$ 0.50

PETERS, JOHN
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-628 575 10C T 66 07 HC$ 2.60 MF$ 0.50

PETER, M.
EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING.
AD-628 338 20C T 66 07

PETRASEK, DONALD W.
ELEVATED-TEMPERATURE TENSILE PROPERTIES OF ALLOYED TUNGSTEN FIBER COMPOSITES.
N65-35957 11D U 41 07 HC$ 2.00 MF$ 0.50

PETRICK, MICHAEL
LIQUID MHD POWER CYCLE STUDIES.
ANL-6954 20I U 41 08 HC$ 3.00 MF$ 0.75

PETROVA, G. N.
A PROVEN CASE OF GEOMAGNETIC FIELD INVERSION.
AD-628 787 8N T 66 07 HC$ 1.10 MF$ 0.50

PETSCHEK, H. E.
A LIMIT ON STABLY TRAPPED PARTICLE FLUXES.
N66-10878 20H U 41 08 HC$ 3.00 MF$ 0.75

PETTENGILL, G.
LUNAR RADAR REFLECTIONS.
AD-628 197 3B T 66 07 HC$ 1.60 MF$ 0.50

PETTENGILL, G. H.
A RADAR DETERMINATION OF THE ROTATION OF THE PLANET MERCURY.
AD-629 334 3C T 66 08

PETTUS, W. G.
NONUNIFORM TEMPERATURE EFFECTS ON THORIUM RESONANCE ABSORPTION.
BAW-3125-2 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-3 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-4 18K U 41 07 HC$ 3.00 MF$ 0.75

PEZDIRTZ, GEORGE F.
AN EXPLORATORY STUDY OF A NEW CLASS OF STEPLADDER AND LADDER POLYMERS. POLYIMIDAZOPYRROLONES.
N66-12530 7C U 41 07 HC$ 1.00 MF$ 0.50

PFALTZ, J. L.
TREETRAN - A FORTRAN IV SUBROUTINE PACKAGE FOR MANIPULATION OF ROOTED TREES.
N66-10928 9B U 41 08 HC$ 3.00 MF$ 0.75

PFEIFFER, MARK G.
PERSONNEL PSYCHOPHYSICS.
AD-628 241 5J T 66 07

PFENDER, E.
AN ANODE COMPARISON STUDY IN A WALL-STABILIZED ARGON ARC.
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75

PFISTER, W.
EFFECTS OF ROCKET OUTGASSING ON RF EXPERIMENTS.
AD-629 120 20I T 66 08

PFLUGER, H. L.
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION.
N66-12870 10C U 41 08 HC$ 2.00 MF$ 0.50

PHARES, W. J.
NUMERICAL INTEGRATION OF FIRST-ORDER STIFF DIFFERENTIAL EQUATIONS.
AD-628 091 12A T 66 07 HC$ 1.00 MF$ 0.50

PHILLIPS, CECIL R.
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75

PHILLIPS, L. F.
MASS-SPECTROMETRIC STUDIES OF ATOMIC REACTIONS. V. THE REACTION OF NITROGEN ATOMS WITH NO2.
AD-629 665 7D T 66 08

PHILLIPS, THEODORE L.
SUPPRESSION OF DNA SYNTHESIS IN WEANLING RAT KIDNEYS BY SHORT-TERM FASTING.
AD-628 360 6P T 66 07 HC$ 2.60 MF$ 0.50

CELL PROLIFERATION AND DNA SYNTHESIS AFTER UNILATERAL NEPHRECTOMY AS RELATED TO AGE.
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50

PIACESI, D.
THE EXISTENCE AND IMPLICATIONS OF CURVATURE IN THE RELATION BETWEEN SHOCK AND PARTICLE VELOCITIES FOR METALS.
AD-629 428 20K T 66 08 HC$ 2.60 MF$ 0.50

PICARIELLO, C. J.
LUNAR RELIEF MODELS.
AD-628 832 3B T 66 07 HC$ 2.00 MF$ 0.50

PICKFORD, MARY
A RELATIONSHIP BETWEEN ADRENALINE AND THE MODE OF ACTION OF OXYTOCIN AND OESTROGEN ON VASCULAR SMOOTH MUSCLE.
AD-628 389 6P T 66 07

PICK, ROBERT
ETUDE DE L'INTERACTION DE PAIRE DANS QUELQUES METAUX NORMAUX (A CALCULATION OF THE PAIR-INTERACTION FUNCTION IN SOME NORMAL METALS.)
PB-169 231 7D U 41 08 HC$ 3.00 MF$ 0.75

PIERCE, ALLAN D.
A METHOD FOR THE COMPUTATION OF NORMAL MODE DISPERSION CURVES OF ATMOSPHERIC GRAVITY WAVES IN WINDY ATMOSPHERES.
AD-628 942 20A T 66 08 HC$ 3.60 MF$ 0.50

PIERCE, J. F.
A SURVEY AND EVALUATION OF BIAS STABILIZATION TECHNIQUES IN

TRANSISTOR CIRCUITS.
TID-21927 9A U 41 07 HC$ 3.00 MF$ 0.75

PIERCE, J. G.
NUCLEAR ROCKET SIMULATOR TESTS FLOW INITIATION WITH TURBINE ACCELERATED TANK PRESSURE 50 PSIA, RUN 11.
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75

PIERCE, WILLARD E.
EPIDEMIOLOGY AND PREVENTION OF ACUTE RESPIRATORY DISEASE IN NAVAL RECRUITS.
AD-628 556 6E T 66 07

PIERSOL, ALLAN G.
SPECTRAL ANALYSIS OF NONSTATIONARY SPACECRAFT VIBRATION DATA.
N66-11250 22C U 41 07 HC$ 4.00 MF$ 0.75

PIERSON, JEROME S.
SET AND CONTENT SCORES FOR PERSONALITY SCALES AND RESPONSE STYLES IN THE MMPI.
AD-628 951 5J T 66 08

PIETRI, C. E.
SPECTROPHOTOMETRIC DETERMINATION OF GALLIUM IN PLUTONIUM-GALLIUM ALLOY.
NBL-228 7D U 41 08 HC$ 1.00 MF$ 0.50

PILYUTIK, A. G.
INTRODUCTION TO THE TECHNICAL THEORY OF STABILITY OF MOTION.
AD-629 440 20K T 66 08 HC$23.60 MF$ 1.25

PINDAK, F. F.
INTESTINAL SPIROCHETES AND DISEASE IN DOGS.
LF-27 6M U 41 07 HC$ 1.00 MF$ 0.50

PINGS, C. J.
THERMODYNAMICS OF CHEMICAL COUPLING.
AD-629 249 7D T 66 08

DIRECT EXPERIMENTAL TEST OF THE PY AND CHNC INTEGRAL EQUATIONS.
AD-629 250 7D T 66 08

DIRECT DETERMINATION OF THE INTERMOLECULAR POTENTIAL FUNCTION FOR ARGON FROM X-RAY SCATTERING DATA.
AD-629 251 7D T 66 08

REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE.
AD-629 252 7D T 66 08

THE CONTINUOUS ABSORPTION SPECTRUM OF IODINE MONOCHLORIDE.
AD-629 253 7D T 66 08

PITTS, FORREST R.
HAGEN III AND HAGER IV: TWO MONTE CARLO COMPUTER PROGRAMS FOR THE STUDY OF SPATIAL DIFFUSION PROBLEMS.
AD-628 611 9B T 66 07 HC$ 4.60 MF$ 0.50

PIZIALI, R. A.
A METHOD FOR PREDICTING THE AERODYNAMIC LOADS AND DYNAMIC RESPONSE OF ROTOR BLADES.
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75

PLAG, JOHN A.
AGE, YEARS OF SCHOOLING, AND INTELLIGENCE AS PREDICTORS OF MILITARY EFFECTIVENESS FOR NAVAL ENLISTEES.
AD-628 753 5I T 66 07 HC$ 2.00 MF$ 0.50

PSYCHIATRIC RE-EXAMINATION OF UNSUITABLE NAVAL RECRUITS: A TWO-YEAR FOLLOW-UP.
AD-628 754 5I T 66 07

PLATT, A. M.
RESEARCH AND DEVELOPMENT ACTIVITIES FIXATION OF RADIOACTIVE RESIDUES.
BNWL-139 18G U 41 08 HC$ 2.00 MF$ 0.50

PLAZEK, D. J.
VISCOELASTIC BEHAVIOR OF POLYMERS AT LONG TIMES.
N66-11746 11I U 41 08 HC$ 1.00 MF$ 0.50

N66-12985 11J U 41 08 HC$ 1.00 MF$ 0.50

PLENDL, J. N.
INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

PLESS, VERA
ON THE INVARIANTS OF A VECTOR SUBSPACE OF A VECTOR SPACE OVER A FIELD OF CHARACTERISTIC TWO.
AD-629 712 12A T 66 08

PLETCHER, R. H.
AN EXPERIMENTAL AND ANALYTICAL STUDY OF HEAT TRANSFER AND PRESSURE DROP IN HORIZONTAL ANNULAR TWO-PHASE, TWO-COMPONENT FLOW.
AD-628 386 20D T 66 07 HC$17.50 MF$ 1.00

PLONUS, M. A.
EQUIVALENCE RELATIONS FOR ECHO AREAS OF DIELECTRIC SOLID CYLINDERS AND CYLINDRICAL SHELLS.
AD-629 267 20L T 66 08

PLORDE, DONALD E.
BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IBRATION STUDIES OF SOME SUBSTITUTED DIBENZO BICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES.
AD-629 547 7C T 66 08

PODLASECK, S. E.
VACUUM EFFECTS ON THE TENSILE AND CREEP PROPERTIES OF ALUMINUM.
AD-629 019 11F T 66 08

POINDEXTER, EDWARD H.
DYNAMIC NUCLEAR POLARIZATION BY ASPHALTENE RADICALS: EFFECTS OF COLLOID SIZE AND SOLVENT DIFFUSION.
AD-629 507 7D T 66 08

POLGA, T.
THE EP = 2.66 MEV RESONANCE IN 016(P,P)016.
AD-628 698 20H T 66 07

POLICHAR, R. M.
DELAYED ALPHA PARTICLES FROM NA20.
AD-628 077 20H T 66 07 HC$ 1.00 MF$ 0.50

POLING, AUSTIN C.
TABLES AND FORMULAS FOR COMPUTATION OF REFRACTIVE INDEX OF THE ATMOSPHERE FOR MICRO-WAVES AND LIGHT WAVES.
PB-169 332 4A U 41 08 HC$ 7.60 MF$ 0.75

POLLARD, J. R.
HERO TEST PROGRAM FOR WEAPON DEVELOPERS. PART I. DEVELOPMENT OF SHIELDING EFFECTIVENESS TESTS.
AD-629 196 19A T 66 08 HC$ 2.60 MF$ 0.50

POMERANTZ, M. A.
SURVEY OF COSMIC-RAY INTENSITY IN THE LOWER ATMOSPHERE.
AD-628 884 4A T 66 08

PONTRELLI, G. J.
THE FORMATION AND PROPERTIES OF CERTAIN COMETARY SPECIES.
N66-10757 7E U 41 08 HC$ 3.00 MF$ 0.75

POOL, M. L.
RESEARCH ON ROTATING RF FIELD PLASMA.
AD-628 930 20I T 66 08 HC$ 1.60 MF$ 0.50

POPOV, V. P.
INVESTIGATION OF ULTRASONIC ATOMIZERS OF LIQUIDS AND MELTS.
AD-629 414 14B T 66 08 HC$ 1.00 MF$ 0.50

PORCELLI, PASQUALE
INTERPOLATION AND APPROXIMATION WITH RATIONAL FUNCTIONS.
AD-628 397 12A T 66 07

PORTER, G.
KINETICS OF THE TRIPLET STATE.
AD-628 571 7D T 66 07 HC$ 3.60 MF$ 0.50

PORTIG, W. H.
ATMOSPHERIC WATER BUDGET OVER TROPICAL AREAS.
AD-629 163 4B T 66 08 HC$ 4.60 MF$ 0.50

PORT, S.
OPTIMAL PROCEDURES FOR STOCHASTICALLY FAILING EQUIPMENT.
N66-10755 22B U 41 08 HC$ 2.00 MF$ 0.50

POSEY, KENNETH A.
LITERATURE SURVEY PERTAINING TO ELECTRICALLY SMALL ANTENNAS, PROPAGATION THROUGH VEGETATION, AND RELATED TOPICS.
AD-629 155 9E T 66 08 HC$ 6.00 MF$ 1.50

POST, E. J.
CAVITY RESONANCES IN ACCELERATED SYSTEMS.
AD-628 635 9A T 66 07

POTTER, WILLIAM D.
THE PREPARATION AND STRUCTURE OF THIN FILMS OF BORON ON SILICON.
AD-628 632 20L T 66 07

POTTS, G.
PRODUCTION ENGINEERING MEASURE FOR IMPROVEMEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50

POWERS, A. G.
NUCLEAR ROCKET SIMULATOR TESTS, FLOW INITIATION WITH NO TURBINE GAS TANK PRESSURE, 35 PSIA RUN 1.
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50

POWERS, E. M.
MICROBIAL PROFILE OF LAMINAR FLOW CLEAN ROOMS.
N66-11215 14B U 41 08 HC$ 2.00 MF$ 0.50

POYET, GEORGE
EVALUATION OF MILITARY RADIAC EQUIPMENT.
AD-629 545 18D T 66 08 HC$ 8.60 MF$ 0.75

PRADOAUDE, H. C.
BLOCH ELECTRONS IN EXTERNAL ELECTRIC AND MAGNETIC FIELDS.
AD-629 182 20C T 66 08

SWEEP OF LOW IMPEDANCE IRON CORE MAGNETS DOWN TO ZERO FIELD.
AD-629 193 14B T 66 08

PREIST, DONALD
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-401 050 9A U 41 07 HC$ 2.00

AD-408 398 9A U 41 07 HC$ 3.00

AD-421 001 9A U 41 07 HC$ 2.00

PRENTICE, EDWARD S.
FREIGHT PROBLEMS OF NEW ENGLAND RAILROADS. SECTION I.

SUMMARY OF FINDINGS AND IMPLICATIONS FOR FURTHER STUDY. SECTION 2. THE NEW ENGLAND RAILROAD STUDY: RAIL FREIGHT TRAFFIC PATTERNS (AN ABRIDGED VERSION).
PB-169 387 5C U 41 08 HC$ 5.00 MF$ 1.00

PREPOST, R.
TECHNIQUE FOR FORMING PRESSURE WINDOWS FROM THIN METAL SHEETS.
AD-628 877 13H T 66 07

PRESS, S. JAMES
PROCEDURES FOR COMPARING THE CORRELATED OUTPUTS OF TWO AIR FORCE BASES.
AD-629 129 12B T 66 08 HC$ 3.60 MF$ 0.50

PRICE, DONALD L.
EPIZOOTIOLOGIC STUDIES ON FILARIOIDS OF THE RACCOON.
AD-628 476 6C T 66 07

PRICE, E. W.
ACOUSTIC LOSSES OF A SUBSCALE, COLD-FLOW ROCKET MOTOR FOR VARIOUS 'J' VALUES.
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75

PRICE, WILLIAM J.
THE IMPORTANCE OF PROPERLY DESCRIBING THE OBJECTIVES OF THE AFOSR PROGRAM.
AD-628 527 5A T 66 07 HC$ 1.60 MF$ 0.50

PRICE, WILSON T.
LIQUID SPRING MOUNTING MEANS FOR A LAUNCHING TUBE.
PATENT 3,221,602 16A U 41 07

PRICE, WINSTON H.
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE.
AD-628 619 6E T 66 07

PRICHERT, W. F.
THE DOCKERS OF ARKHANGELSK.
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50

PRIGOGINE, I.
RELATIVISTIC EFFECTS IN STATISTICAL HYDRODYNAMICS.
AD-629 690 20D T 66 08

PRIMICH, R. I.
MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

PRINCE, W. L.
EXPERIMENTAL X-RAY STRESS ANALYSIS FOR PRECIPITATION HARDENED ALUMINUM ALLOYS.
N66-10668 11F U 41 08 HC$ 2.00 MF$ 0.50

PRINE, J.
REPEATED, PROLONGED, LOW-INTENSITY +GZ EXPOSURES. ANATOMICAL STUDIES IN DOGS.
AD-628 945 6S T 66 08

PRINE, J. R.
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

PROFFITT, JOHN L.
HYDROSTATIC PRESSURE TESTS OF CYLINDERS FABRICATED FROM HOLLOW-FILAMENT, GLASSREINFORCED PLASTIC.
AD-628 442 20D T 66 07 HC$ 1.00 MF$ 0.50

PROKHOROV, B. F.
JOINTS USED IN PLASTIC AND COMPOSITE SHIP- BOARD SUPERSTRUCTURES, DECKHOUSES, LIGHT BULKHEADS, AND ENCLOSURES.
AD-629 509 13E T 66 08 HC$ 1.00 MF$ 0.50

PROSCHAN, FRANK
TOLERANCE AND CONFIDENCE LIMITS FOR CLASSES OF DISTRIBUTIONS BASED ON FAILURE RATE.
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50

PROUD, J.
THE DEVELOPMENT OF A SOURCE OF VACUUM ULTRAVIOLET AND SOFT X-RADIATION.
N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50

PRUITT, WILLIAM
CONVERGENCE OF WEIGHTED AVERAGES OF INDEPENDENT RANDOM VARIABLES.
AD-629 602 12A T 66 08

PRYDE, EVERETT H.
CROSS-LINKED POLY- AND INTERPOLY(AMIDEACETALS).
PATENT 3,223,683 11A U 41 08

PRYOR, ANDREW J.
THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

PRYOR, GORDON T.
CHRONIC ELECTROSHOCK: EFFECTS ON BRAIN WEIGHT, BRAIN CHEMISTRY, AND BEHAVIOR.
AD-628 243 5J T 66 07

PRYWES, NOAH S.
A STORAGE AND RETRIEVAL SYSTEM FOR REALTIME PROBLEM SOLVING.
AD-467 454 9B U 41 08 HC$ 3.00 MF$ 0.50

PSHEZETSKII, V. S.
INVESTIGATION OF THE ROLE OF FREE RADICALS IN THE ACETALDEHYDE POLYMERIZATION PROCESS IN THE SOLID PHASE UNDER GAMMA-IRRADIATION.
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50

PYLE, DANIEL M.
CBE FACTORS: ANNOTATED BIBLIOGRAPHY.
AD-628 553 6M T 66 07 HC$ 4.60 MF$ 0.50

QUADE, E. S.
SYSTEMS ANALYSIS TECHNIQUES FOR PLANNINGPROGRAMMING-BUDGETING.
AD-629 564 5A T 66 08 HC$ 2.00 MF$ 0.50

QUAID, THOMAS
PRODUCTION ENGINEERING MEASURE FOR SILICON LINEAR INTEGRATED CIRCUITS.
AD-628 990 9A T 66 08 HC$ 1.00 MF$ 0.50

QUAYLE, J. R.
MICROBIAL GROWTH ON C-1 COMPONENTS. SYNTHESIS OF CELL CONSTITUENTS BY METHANEAND METHANOL-GROWN PSEUDOMONAS METHANICA.
AD-628 391 6M T 66 07

USE OF A PURIFIED BACTERIAL FORMATE DEHYDROGENASE FOR THE MICRO-ESTIMATION OF FORMATE.
AD-628 821 6A T 66 07

QUERFELD, CHARLES W.
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART III. A METHOD OF EXPERIMENTALLY DERIVING TRANSMISSIVITY.
AD-467 000 9A U 41 08 HC$ 1.00 MF$ 0.50

QUERTIER, J.
EFFETS DE L (ACIDE ALPHA-LIPOIQUE SUR LE METABOLISME DES ACIDES NUCLEIQUES CHEZ LES EMBRYONS DE BATRACIENS ET DE POULET (EFFECTS OF ALPHA-LIPOIC ACID ON NUCLEIC ACID METABOLISM IN AMPHIBIAN AND CHICKEN EMBRYOS).
AD-629 462 6C T 66 08

RABINOVICH, HARRIS
PARTIAL WAVE CALCULATION OF THE DIATOMIC MOLECULE (HEH)++.
N65-35955 7D U 41 07 HC$ 1.00 MF$ 0.50

RABINOWICZ, E.
EFFECT OF ABRASIVE PARTICLE SIZE ON WEAR.
AD-628 718 11K T 66 07

RABINOWITZ, P.
SESSION P-3: QUANTUM ELECTRONICS GENER- ATION. P-3.3: FREQUENCY STABILIZATION OF GAS LASERS.
AD-629 158 20E T 66 08

RABOLD, GARY P.
AN INVESTIGATION OF PHOTOCHEMICALLY GENERATED FREE RADICALS FROM PERINAPHTHENONES.
AD-629 479 7E T 66 08 HC$ 6.00 MF$ 1.25

RADELL, JACK
UREA INCLUSION COMPOUNDS OF N-ALKYL OXIRANES.
PATENT 3,219,654 6F U 41 07

RADFORTH, N. W.
TRAFFICABILITY TESTS ON CONFINED ORGANIC TERRAIN (MUSKEG). SUMMER 1962 TESTS.
AD-629 522 13F T 66 08 MF$ 1.00

RAE, A. G. A.
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. IV. ENERGY TRANSFER IN RUBIDIUM -RUBIDIUM COLLISIONS.
AD-628 744 7E T 66 07

RAGONESE, FRANK L.
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

RAGSDALE, R. G.
DATA COMPARISONS AND PHOTOGRAPHIC OBSERVATIONS OF COAXIAL MIXING OF DISSIMILAR GASES AT NEARLY EQUAL STREAM VELOCITIES.
N66-12143 20D U 41 08 HC$ 1.00 MF$ 0.50

RAICA, NICHOLAS
DATA ON WHOLESOMENESS STUDIES, A PROGRESS REPORT.
AD-629 316 6H T 66 08

RAINWATER, WALTER J.
INVESTIGATIONS OF ELECTRON INTERACTIONS WITH MATTER. PART I. BREMSSTRAHLUNG PRODUCTION IN ALUMINUM AND IRON. PART II. ELECTRON SCATTERING IN ALUMINUM.
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75

RAITHBY, G. D.
AN ANODE COMPARISON STUDY IN A WALL-STABILIZED ARGON ARC.
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75

RAJANGAM, K. B.
FREQUENCY MODULATION OF LARGE CAVITIES.
AD-629 025 20G T 66 08

RAKAVY, M.
MOSSBAUER EFFECT IN DY161 IN METALLIC DYSPROSIUM; DYFE2, AND DYAL2.
AD-629 236 20H T 66 08

RAKESTRAW, NORRIS W.
CARBON DIOXIDE IN SURFACE WATERS OF PACIFIC OCEAN. I. MEASUREMENTS OF THE DISTRIBUTION.
AD-628 242 8J T 66 07

RAMMELKAMP, J.
PHOTO INTERPRETATION OF WHITE SANDS ROCKET PHOTOGRAPHY. REPORT NO. 2.
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75

RAMSAY, ARLAN
DIMENSION THEORY IN COMPLETE ORTHOCOMPLEMENTED WEAKLY MODULAR LATTICES.
AD-628 104 12A T 66 07

RAMSEY, N. F.
HYPERFINE SEPARATION OF DEUTERIUM.
AD-628 465 7D T 66 07

RAMSTEDT, C. F.
BIAS INFLUENCE ON RADIATION-INDUCED TRANSISTOR SURFACE EFFECTS.
AD-466 611 20L U 41 08 HC$ 2.00 MF$ 0.50

RANDEN, K. G.
CAPABILITIES OF THE 1 MW SHIELD TEST AND IRRADIATION REACTOR.
NAA-SR-11528 18M U 41 08 HC$ 2.00 MF$ 0.50

RANDJELOVIC, JORDAN V.
ELECTROMAGNETIC AND ELECTROSTATIC GENERATORS: ANNOTATED BIBLIOGRAPHY.
AD-629 476 10B T 66 08 HC$ 2.00 MF$ 0.50

RANG, E. R.
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS.
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

RANON, U.
PARAMAGNETIC RESONANCE OF YB(3+) IN CAWO4.
AD-628 363 20L T 66 07

THE GROUND STATES AND RELATIVE STARK SPLITTINGS OF SOME TRIVALENT RARE EARTH IONS IN THE CUBIC CRYSTAL FIELD OF CALCIUM FLUORIDE.
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50

RANSLEB[illegible] GUIDO E.
SOME COMPARISONS OF SLOSHING BEHAVIOR IN CYLINDRICAL TANKS WITH FLAT AND CONICAL BOTTOMS.
AD-629 285 20D T 66 08 HC$ 1.60 MF$ 0.50

RAO, K. V. N.
OXIDATION OF HYDROGEN ON NICKEL ELECTRODES IN SODIUM HYDROXIDE SOLUTION.
AD-628 250 7B T 66 07

RAPER, JAMES L.
FLIGHT-TEST TEMPERATURE DATA FOR AN ALTAIR-IIC1 ROCKET MOTOR.
N65-30954 21H U 41 07 HC$ 2.00 MF$ 0.50

RASMUSSEN, V. K.
MEAN LIFE OF THE 2.98-MEV LEVEL OF A147.
AD-628 880 20H T 66 07

RAUB, J.
SOME NEW SUPERCONDUCTING COMPOUNDS.
AD-628 822 20L T 66 07

RAUH, E. G.
A THERMODYNAMIC STUDY OF THE URANIA -URANIUM SYSTEM.
ANL-7048 7B U 41 08 HC$ 2.00 MF$ 0.50

RAUSCH, JOHN J.
OXIDATION PROTECTION OF BERYLLIUM AT HIGH TEMPERATURES.
CONF-729-4 11F U 41 07 HC$ 2.00 MF$ 0.50

RAYNER, H. B.
FAR INFRARED SPECTRA OF MOSQUITO REPELLENTS.
AD-629 392 6F T 66 08

REBER, L. J.
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

RECHTIN, E.
LUNAR COMMUNICATIONS.
N65-14540 17B U 41 07 HC$ 2.00 MF$ 0.50

REDIKER, R. H.
PRESSURE-TUNED PULSE DIODE LASER.
AD-628 560 20E T 66 07

REED, EVERETT L.
METALLOGRAPHIC METHODS ETCHING FOR BAINITIC FINE CARBIDES. A METALLOGRAPHIC METHOD FOR REVEALING THE FINE CARBIDES IN BAINITE FORMED DURING CONTINUOUS COOLING IN A NICKEL-CHROMIUM-MOLYBDENUM COMPOSITION.
AD-629 644 11F T 66 08 HC$ 3.60 MF$ 0.50

REED, KENNETH C.
COMPUTER STUDY OF A DIVERSITY AUGMENTED, VEHICULAR, RADIO COMMUNICATION SYSTEM IN A MANMADE NOISE ENVIRONMENT.
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50

REED, M. E.
STUDY OF THE MECHANISM OF ATMOSPHERIC INTERACTION WITH THE FATIGUE OF METALS.
N66-11747 11F U 41 08 HC$ 3.00 MF$ 0.75

REED, R. M.
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

REEVES, JOHN F.
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

REEVES, ROGER D.
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 1. THEORETICAL PRINCIPLES OF THE OSCILLATING HOLLOW CYLINDER METHOD.
AD-629 652 7D T 66 08

REEVES, R. D.
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 2. SOME ALKALI AND ALKALINE EARTH CHLORIDES.
AD-629 651 7D T 66 08

REICHARD, DAVID W.
BEARING LIFE AND FAILURE DISTRIBUTION AS AFFECTED BY ACTUAL COMPONENT DIFFERENTIAL HARDNESS.
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50

REICH, BERNARD
SECONDARY BREAKDOWN THERMAL CHARACTERIZATION AND IMPROVEMENT OF SEMICONDUCTOR DEVICES.
AD-629 386 9A T 66 08 HC$ 1.00 MF$ 0.50

REIDBORD, HOWARD E.
ULTRASTRUCTURAL ALTERATIONS IN RAT LUNGS. CHANGES AFTER INTRATRACHEAL PERFUSION WITH FRESHWATER AND SEAWATER.
AD-629 345 6E T 66 08

REIDY, W. P.
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00

REID, F. J.
CONDUCTION ELECTRON SCATTERING BY IONIZED DONORS IN INSB AT 80K.
AD-628 437 20L T 66 07

REID, JOHN DAVID
WATER SOLUBLE CARBAMATE-FORMALDEHYDE CONDENSATE.
PATENT 3,219,632 11E U 41 07

REID, JOHN D.
BISCARBAMATE-FORMALDEHYDE ADDUCTS.
PATENT 3,226,428 11F U 41 08

REID, N. E.
A SYSTEM FOR AUTOMATIC ACCUMULATION OF RADIATION DATA.
N66-11223 14C U 41 08 HC$ 1.00 MF$ 0.50

REID, WILLIAM T.
A MATRIX EQUATION RELATED TO A NON-OSCIL- LATION CRITERION AND LIAPUNOV STABILITY.
AD-629 595 12A T 66 08

REILLY, R. E.
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE.
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

REIMSCHUESSEL, HERBERT K.
NITROGEN-CONTAINING POLYMERS AND PREPARATION OF SAME.
PATENT 3,225,016 11I U 41 08

REINECKE, WILLIAM G.
PITOT AND STATIC PRESSURE MEASUREMENTS IN THE SEPARATED REGION OF SPIKED CYLINDER IN HYPERSONIC FLOW.
AD-628 683 20D T 66 07 HC$ 3.00 MF$ 0.75

RELYEA, DOUGLAS I.
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

REMPEL, J. R.
SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

RENDON, LEANDRO
BEHAVIOR OF SERUM LACTIC DEHYDROGENASE IN MEN EXPOSED TO BRIEF, INTENSE THERMAL IMPULSES.
AD-628 567 6S T 66 07

RENKEL, M. E.
ANALYSIS OF THE EFFECT OF A SEEDED PROPELLANT LAYER ON THERMAL RADIATION IN THE NOZZLE OF A GASEOUS-CORE NUCLEAR PROPULSION SYSTEM.
N66-12139 21F U 41 08 HC$ 1.00 MF$ 0.50

RESENDIZ, DANIEL
ON THE STRENGTH OF CLAYEY SOILS. A STUDY OF THE SHEARING RESISTANCE MECHANISM OF THE STRUCTURAL LEVEL.
AD-628 510 8M T 66 07 HC$19.50 MF$ 1.25

RESHOTKO, ELI
ROLE OF CONDUCTIVITY IN HYDROMAGNETIC STABILITY OF PARALLEL FLOWS.
N66-12529 20I U 41 07 HC$ 1.00 MF$ 0.50

RESIBOIS, P.
MICROSCOPIC THEORY OF BROWNIAN MOTION IN AN OSCILLATING FIELD: CONNECTION WITH MACRO- SCOPIC THEORY.
AD-628 252 20H T 66 07

TRANSPORT EQUATION OF A BROWNIAN PARTICLE IN AN EXTERNAL FIELD.

AD-628 373 20H T 66 07

RESTER, DAVID H.
INVESTIGATIONS OF ELECTRON INTERACTIONS WITH MATTER. PART I. BREMSSTRAHLUNG PRODUCTION IN ALUMINUM AND IRON. PART II. ELECTRON SCATTERING IN ALUMINUM.
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75

REYNOLDS, HERBERT H.
THE EFFECT OF INJECTED MONOMETHYLHYDRAZINE ON PRIMATE PERFORMANCE.
AD-628 048 6T T 66 07 HC$ 1.00 MF$ 0.50

REYNOLDS, WILLIAM E.
THE LETHAL VOLUME OF A CONTINUOUS ROD WARHEAD,
AD-629 390 16C T 66 08 HC$ 3.00 MF$ 0.75

REZNIKOV, B. I.
UNSTEADY STATE DESTRUCTION OF GLASS-LIKE MATERIALS IN A SUPERSONIC GAS,
AD-629 472 7D T 66 08 HC$ 1.60 MF$ 0.50

RHODES, C. W.
RESULTS AND CONCLUSIONS OF THE JOINT R.A.E/W.R.E. RESEARCH PROGRAMME ON THE FLIGHT DYNAMICS AND BALLISTIC CONSISTENCY OF FREELY FALLING CRUCIFORM FINS,
PB-169 224 19B U 41 07 HC$ 4.00 MF$ 1.00

RHODIN, T. N.
DISLOCATION STRUCTURES IN CLEAVED MAGNESIUM OXIDE.
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50

RIBINSON, HUGH A.
SUPERCONDUCTING ELECTRICAL MACHINERY AS A MEANS OF POWER TRANSMISSION IN AIRCRAFT.
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75

RIBLE, VINCENT E.
PINHOLE ARRAY CAMERA FOR INTEGRATED CIRCUITS,
AD-628 485 14E T 66 07 HC$ 1.00 MF$ 0.50

TECHNOLOGY FOR PNP INTEGRATED CIRCUITS.
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50

RICCIO, DAVID C.
MODIFICATION OF VESTIBULAR SENSITIVITY IN THE RAT,
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50

RICCIO, D. C.
THE EFFECTS OF ENVIRONMENTAL TEMPERATURE CHANGES ON THE EKG OF THE SQUIRREL MONKEY / SAIMIRI SCIUREUS/.
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50

RICE, EDWARD A.
OXYGEN CONCENTRATION, TEMPERATURE, AND VISCOSITY DETERMINATIONS: POLAROGRAPHIC TECHNIC.
AD-628 892 6E T 66 08 HC$ 1.60 MF$ 0.50

RICHARDSON, DAVID L.
A THERMAL RADIATION HEAT SOURCE AND IMAGING SYSTEM FOR BIOMEDICAL RESEARCH,
AD-629 590 14B T 66 08 HC$ 2.00 MF$ 0.50

RICHARDSON, GEORGE W.
FUEL SPACER DEVELOPMENT,
DP-1002 18I U 41 08 HC$ 2.00 MF$ 0.50

RICHARDSON, G. L.
RECOVERY OF STRONTIUM FROM STORED PUREX WASTE BY LEAD SULFATE CARRIER PRECIPITATION. PILOT PLANT STUDIES,
BNWL-4 18G U 41 07 HC$ 2.00 MF$ 0.50

RICHARDSON, W. W.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

RICHMOND, JOSEPH C.
PROCEDURES FOR PRECISE DETERMINATION OF THERMAL RADIATION PROPERTIES, NOVEMBER 1963 TO OCTOBER 1964.
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75

RICHMOND, J. KENNETH
ELECTRICAL CONDUCTIVITY MEASUREMENTS IN A FARADAY ACCELERATOR,
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50

RICHTER, J. H.
ON THE INFLUENCE OF REFLECTIONS FROM THE ENVIRONMENT ON HERO TEST RESULTS.
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50

RIDEOUT, S. P.
STRESS CORROSION CRACKING OF TITANIUM ALLOYS.
N66-10876 11F U 41 08 HC$ 1.00 MF$ 0.50

RIECKEN, R. E.
FAULT PLANE FEATURES: AN ALTERNATIVE EXPLANATION.
AD-628 798 8G T 66 07

RIEDEL, E. P.
THERMAL OPTIC DISTORTION.
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50

RIEDLER, WILLI
BALLOON-BORNE MEASUREMENTS OF SOLAR IONIZING RADIATION.
AD-628 761 3B T 66 07 HC$26.10 MF$ 1.50

RIGSBY, D. M.
COMPARISON OF SEVERAL ANALYTICAL SOLUTIONS TO THE SHEAR LAG PROBLEM WITH EXPERIMENTAL DATA.
N66-12976 20K U 41 08 HC$ 3.00 MF$ 0.75

RIKER, WILLIAM H.
WEIGHTED VOTING: A MATHEMATICAL ANALYSIS FOR INSTRUMENTAL JUDGMENTS.
AD-629 555 5D T 66 08 HC$ 3.60 MF$ 0.50

RILEY, DONALD R.
A STUDY OF GEMINI-AGENA DOCKING USING A FIXED-BASE SIMULATOR EMPLOYING A CLOSED-CIRCUIT TELEVISION SYSTEM.
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50

RILEY, JOHN A.
THE SARDINAS/PATTERSON AND LEVENSHTEIN THEOREMS,
AD-629 539 9D T 66 08 HC$ 2.00 MF$ 0.50

RILEY, LEO A.
DEVELOPMENT OF AN AUTOMATIC DEVICE FOR SOLVING CONTINUUM MECHANICS PROBLEMS.
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25

RILEY, V.
O-RING JOINT TUBES FOR PROTEIN-HYDROLYSATES.
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50

RIMLAND, BERNARD
REENLISTMENT DIFFERENCES AMONG RECRUIT COMPANIES: A FIVE YEAR FOLLOW-UP.
AD-628 869 5I T 66 07 HC$ 1.60 MF$ 0.50

RINDNER, W.
DESIGN, DEVELOPMENT, FABRICATION, AND DELIVERY OF THREE /3/ STRAIN GAGE ACCELEROMETERS.
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75

RINEHART, EDGAR A.
LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

RITTENHOUSE, JOHN B.
SPACE MATERIALS HANDBOOK.
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50

RIVARD, J. G.
DEVELOPMENT OF AN ALL-FLUID AMPLIFIER FOR LIQUID ROCKET APPLICATIONS.
N66-11619 21H U 41 08 HC$ 4.00 MF$ 1.00

RIVKIN, S. S.
THEORY OF GYROSCOPIC DEVICES, PART II, CHAPTERS 7-11,
AD-629 424 17G T 66 08 HC$ 8.40 MF$ 2.25

ROBERTSON, W. W.
COLLISIONAL-RADIATIVE RECOMBINATION OF HE2(+) INTO DISSOCIATIVE STATES,
AD-628 448 7D T 66 07

ROBERTSON, DAVID W.
REENLISTMENT DIFFERENCES AMONG RECRUIT COMPANIES: A FIVE YEAR FOLLOW-UP.
AD-628 869 5I T 66 07 HC$ 1.60 MF$ 0.50

ROBERTSON, KENNETH D.
TWO APPROACHES TO A PORTABLE COLOR -MEASURING SYSTEM.
AD-629 704 20F T 66 08 HC$ 1.00 MF$ 0.50

ROBERTSON, W. W.
TEMPERATURE DEPENDENCE OF THE RATE OF CONVERSION OF HE(+) INTO HE2(+),
AD-628 447 7D T 66 07

ROBERTS, E. B.
RESEARCH PROGRAM ON THE ORGANIZATION AND MANAGEMENT OF RESEARCH AND DEVELOPMENT. QUESTIONING THE COST/EFFECTIVENESS OF THE R AND D PROCUREMENT PROCESS,
N66-10633 14A U 41 08 HC$ 2.00 MF$ 0.50

ROBERTS, G. L.
THREE COLOUR PHOTOELECTRIC PHOTOMETRY OF THE MOON.
AD-628 557 3B T 66 07 HC$ 8.60 MF$ 0.75

ROBERTS, JAMES A.
LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

ROBERTS, R. C.
THE CHEMISTRY OF THE RADICAL ANION OF TETRAPHENYLETHYLENE,
AD-628 622 7C T 66 07

ROBILLARD, P. E.
MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

ROBINSON, DONALD C.
CALCULATED NATURAL FREQUENCIES AND NORMAL MODES OF THE GUIDED MISSILE CRUISER USS LONG BEACH (CG(N)-9).
AD-628 441 13J T 66 07 HC$ 5.60 MF$ 0.50

ROBINSON, D. J.
NUCLEAR ROCKET SIMULATOR TESTS FLOW INITIATION WITH TURBINE ACCELERATED TANK PRESSURE 50 PSIA, RUN 11,
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75

ROBINSON, EDWARD J.
METASTABLE TRIPLET-P2 RARE GAS POLARIZABILITIES,
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

ROBINSON, G. WILSE
EXCITON STRUCTURE IN TWO TRIPLET STATES OF CRYSTALLINE NAPHTHALENE,
AD-628 722 7D T 66 07

ROBINSON, H. G.
HYPERFINE SEPARATION OF DEUTERIUM,
AD-628 465 7D T 66 07

ROBINS, J. L.
DISLOCATION STRUCTURES IN CLEAVED MAGNESIUM OXIDE.
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50

ROCKLYN, EUGENE H.
DEVELOPMENT AND EVALUATION OF A TACTICAL MANDARIN CHINESE LANGUAGE COURSE.
AD-629 444 5G T 66 08 HC$ 2.00 MF$ 0.50

ROCKMORE, R. M.
SCATTERING OF ELECTROMAGNETIC WAVES IN A SPINOR FORMALISM,
AD-628 616 20N T 66 07 HC$ 2.60 MF$ 0.50

RODRIGUEZ, G.
PHASE STABILITY OF TYPICAL NAVY RADIO FREQUENCY COAXIAL CABLES,
AD-628 682 9A T 66 07 HC$ 1.00 MF$ 0.50

RODRIGUEZ, G. E.
THE BATTERY CHARGER FOR THE ATMOSPHERE EXPLORER B SPACECRAFT,
N66-11208 10B U 41 08 HC$ 2.00 MF$ 0.50

ROEDERER, J. G.
MAGNETOSPHERIC PHENOMENA,
N66-10672 20H U 41 08 HC$ 1.00 MF$ 0.50

ROES, JOHN B.
FLEXIBLE COLD SIDE FOR THERMOELECTRIC MODULE.
PATENT 3,221,508 13A U 41 07

ROE, THORNDYKE
EXPERIMENTAL WOOD PILING TREATMENTS FY-64,
AD-456 491 11L U 41 07 HC$ 1.00

ROGEL, ALEX
TECHNOLOGY FOR PNP INTEGRATED CIRCUITS.
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50

ROGERS, C. C.
THE THEORETICAL AND NUMERICAL DETERMINATION OF THE RADAR CROSS SECTION OF A FINITE CONE.
AD-628 633 17I T 66 07

ROGERS, TERENCE A.
AMELIORATIVE MEASURES IN FASTING, SUBARCTIC SURVIVAL SITUATIONS.
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50

ROGERS, TERRENCE A.
A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

ROHDE, P. J.
THE SCHEDULE OF MEASUREMENTS FOR ANALYSIS OF AN ONBOARD NAVIGATION SYSTEM,
N66-10690 17G U 41 08 HC$ 2.00 MF$ 0.50

ROLLS, L. STEWART
FLIGHT INVESTIGATION OF THE AERODYNAMIC PROPERTIES OF AN OGEE WING.
N66-13017 1C U 41 07 HC$ 1.00 MF$ 0.50

RONCA, LUCIANO B.
A GEOLOGICAL MODEL OF MARE HUMORUM,
AD-629 116 3A T 66 08

RONKEN, DON A.
A NOTE ON SOME ALTERNATIVE MODELS FOR RESPONSE BIAS CHANGES DURING FORCED-CHOICE DETECTION EXPERIMENTS.
AD-629 677 5J T 66 08 HC$ 1.60 MF$ 0.50

STUDIES OF THE CONSTANT ERROR.
AD-629 678 5J T 66 08 HC$ 4.60 MF$ 0.50

ROOT, HALBERT E.
THE VALUE OF WEATHER FORECASTS,
PB-169 374 4B U 41 08 HC$ 1.60 MF$ 0.50

ROPER, R. G.
METEOR WINDS MEASURED AT ADELAIDE 35 DEGS 1961,
N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00

ROSCISZEWSKI, JAN
MAGNETIC FIELD DIFFUSION ASSOCIATED WITH AN IONIZING SHOCK WAVE INTERACTING WITH AN ELECTROMAGNETIC FIELD.
AD-629 260 20I T 66 08

ROSENBAUM, B. M.
STATISTICAL DISTRIBUTION OF THE BREAKING STRENGTH OF A BUNDLE OF CLASSICAL FIBERS,
N66-12147 20K U 41 08 HC$ 1.00 MF$ 0.50

ROSENBAUM, MAX J.
EPIDEMIOLOGY AND PREVENTION OF ACUTE RESPIRATORY DISEASE IN NAVAL RECRUITS,
AD-628 556 6E T 66 07

ROSENBERG, HAROLD
ACTIONS OF R(N) ON MANIFOLDS,
AD-628 383 12A T 66 07 HC$ 2.60 MF$ 0.50

ROSENBERG, L. M.
NEW SOLID-STATE DEVICE CONCEPTS.
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50

ROSENBERG, S. D.
RESEARCH ON PROCESSES FOR UTILIZATION OF LUNAR RESOURCES.
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75

ROSENBLUETH, EMILIO
ULTIMATE LOADS OF A CLASS OF SHELLS OF MATERIAL WITH NON-LINEAR BEHAVIOR,
AD-628 509 13M T 66 07 MF$ 0.75

ROSENBLUTH, N. N.
THEORETICAL STUDY OF SPACE PLASMAS.
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75

ROSENHECK, ALLAN J.
TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

ROSENKRANZ, HERBERT S.
IN VIVO EFFECT OF NALIDIXIC ACID (NEGGRAM) ON THE DNA OF HUMAN DIPLOID CELLS IN TISSUE CULTURE,
AD-628 587 6O T 66 07

ROSENZWEIG, R.
DEVELOPMENT OF A 50-WATT, 80-MC LINEAR AMPLIFIER TRANSISTOR.
AD-629 246 9A T 66 08 HC$ 4.00 MF$ 0.75

ROSEN, GEORGE
INDIAN INDUSTRY: SOME PROPOSED AREAS OF RESEARCH,
AD-629 223 5C T 66 08 HC$ 1.10 MF$ 0.50

ROSEN, S. L.
ARGON GENERATION IN NAK-COOLED REACTORS,
NAA-SR-11303 18I U 41 07 HC$ 1.00 MF$ 0.50

ROSEN, V. J.
X-RAY INDUCED GLOMERULOSCLEROSIS IN RATS: MODIFICATION OF LESION BY FOOD RESTRICTION, UNINEPHRECTOMY, AGE,
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50

ROSNER, DANIEL E.
CONTRIBUTIONS TO THE THEORY OF INTERFACIAL RATE PROCESSES IN FLOW SYSTEMS.
AD-628 132 20D T 66 07 HC$ 1.60 MF$ 0.50

HIGH-TEMPERATURE KINETICS OF GRAPHITE OXIDATION BY DISSOCIATED OXYGEN.
AD-628 262 11B T 66 07

KINETIC AND AERODYNAMIC ASPECTS OF THE OXIDATION OF MATERIALS BY PARTIALLY DISSOCIATED GASES.
AD-628 515 11B T 66 07 HC$ 2.60 MF$ 0.50

ROSNER, D. E.
THE OXIDATION OF PYROLYTIC GRAPHITE AT TEMPERATURES OF 1400-1800F AND AT AIR VELOCITIES OF 25-100 CM/SEC,
AD-628 276 11B T 66 07

ENHANCED CHEMICAL ENERGY TRANSPORT EFFECTS ON CONVECTIVE HEAT FLUXES IN THE HYDROGEN-OXYGEN SYSTEM,
AD-629 247 20M T 66 08

CHEMICAL SCAVENGER PROBES IN NONEQUILIBRIUM GASDYNAMICS.
AD-629 248 20D T 66 08

ROSS, BERNARD
A NEW SOLUTION OF THE BUCKLING PROBLEM OF THIN CIRCULAR CYLINDRICAL SHELLS HEATED ALONG AN AXIAL STRIP.
AD-629 579 20K T 66 08 HC$ 3.60 MF$ 0.50

AN ANALOG STUDY OF THE THERMAL BUCKLING BEHAVIOR OF THIN CYLINDRICAL SHELLS.
AD-629 580 20K T 66 08 HC$ 3.60 MF$ 0.50

ROSS, DAVID A.
REFLECTION PROFILES ACROSS THE MIDDLE AMERICA TRENCH,
AD-629 136 8J T 66 08

ROSS, G.
NEW DETERMINATION OF THE STRENGTH OF THE V3 BAND OF WATER VAPOR FORM DISPERSION MEASUREMENTS.
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50

ROSS, JOHN J.
SUBEPENDYMAL CEREBRAL HEMORRHAGE IN INFANCY,
AD-628 757 6E T 66 07

ROSS, M. F.
LA CROSSE BOILING WATER REACTOR FINAL PHYSICS DESIGN REPORT,
ACNP-64545 18L U 41 08 HC$ 2.00 MF$ 0.50

ROSS, R. G.
DEVELOPMENT OF A LOW COST SECONDARY AIRPORT LIGHTING SYSTEM,
PB-169 155 1E U 41 07 HC$ 2.00 MF$ 0.50

ROSS, R. L.
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES,
AD-629 514 20L T 66 08

B10/B11 THERMISTOR PAIRS AND THEIR APPLICATION,
AD-629 523 20H T 66 08

ROTHE, ERHARD W.
MEASUREMENTS OF ABSOLUTE TOTAL CROSS SECTIONS FOR RARE-GAS SCATTERING,
AD-629 362 7D T 66 08

ROTHFLEISCH, J. E.
MINIATURE HYDROGEN GENERATOR.

AD-628 499 10B T 66 07 HC$ 4.60 MF$ 0.75

ROTHSTEIN, JERRY D.
FEASIBILITY STUDY: LATERAL IMPACT WITH STANDARD AIRCRAFT HARNESS CONFIGURATION.
AD-629 077 13L T 66 08 HC$ 2.60 MF$ 0.50

ROTH, J. REECE
NONADIABATIC PARTICLE LOSSES IN AXISYMMETRIC AND MULTIPOLAR MAGNETIC FIELDS.
N66-13022 20H U 41 07 HC$ 3.00 MF$ 0.75

ROUSSEAU, JEAN-CLAUDE
ETUDE AERODYNAMIQUE DE L'ECOULEMENT FLUIDE DANS UN CANAL DE REACTEUR CHARGE EN ELEMENTS COMBUSTIBLES ANNULAIRES REFROIDIS INTERIEUREMENT ET EXTERIEUREMENT (AERODYNAMIC STUDY OF THE FLUID FLOW IN THE CHANNEL OF A REACTOR FILLED WITH INTERNALLY AND EXTERNALLY COOLED FUEL ELEMENTS).
PB-169 227 18K U 41 08 HC$ 3.00 MF$ 0.75

ROVNER, L. H.
DIFFUSION OF OXYGEN IN MAGNESIUM OXIDE.
AD-629 481 20B T 66 08 HC$ 5.00 MF$ 1.00

ROWE, J. E.
INVESTIGATION OF LARGE-SIGNAL KLYSTRON AND TRAVELING-WAVE DEVICES.
AD-628 732 9A T 66 07 HC$ 3.00 MF$ 0.75

ROWE, PIERCE E.
DYNAMIC TESTS OF MODEL STEEL STRUCTURES.
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00

ROWLAND, R.
ON THE MODE OF UPLIFT OF THE FISH AND FOSSILIFEROUS MORAINES OF THE MCMURDO ICE SHELF, ANTARCTICA.
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50

ROXIN, EMILIO
ON GENERALIZED DYNAMICAL SYSTEMS DEFINED BY CONTINGENT EQUATIONS,
AD-628 719 12B T 66 07

ROYDEN, H. N.
TUNGSTEN RESONANCE INTEGRALS AND DOPPLER COEFFICIENTS.
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50

ROY, RUSTUM
EXSOLUTION OF BETA-GA203 CRYSTALLINE SOLUTIONS IN THE SYSTEM MGA1204-GA203,
AD-629 699 11B T 66 08

RUBEL, L. A.
A PICARDESGUE THEOREM FOR FORMAL POWER SERIES,
AD-629 591 12A T 66 08

BOUNDED POLYNOMIAL APPROXIMATION,
AD-629 593 12A T 66 08

SUBFIELDS THAT ARE ALGEBRAICALLY CLOSED IN THE FIELD OF ALL MEROMORPHIC FUNCTIONS,
AD-629 687 12A T 66 08

RUBENSTEIN, HERBERT
CONTEXTUAL CORRELATES OF SYNONYMY,
AD-628 108 5G T 66 07

RUBIN, BERNARD
AN ANOMALY IN THE RESISTIVITY-TEMPERATURE PROFILE OF ULTRAPURE PHENANTHRENE.
AD-628 634 20L T 66 07

RUBIN, M. B.
SCOUT MOTOR PERFORMANCE ANALYSIS AND PREDICTION STUDY (PAPS).
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25

RUBY, P. R.
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00

RUCKGABER, G. M.
THE THEORETICAL AND NUMERICAL DETERMINATION OF THE RADAR CROSS SECTION OF A FINITE CONE.
AD-628 633 17I T 66 07

RUCKLIDGE, JOHN
TECHNICAL NOTE NO. 32,
AD-628 598 4B T 66 07

RUDEY, R. A.
NUCLEAR ROCKET SIMULATOR TESTS, FLOW INITIATION WITH NO TURBINE GAS TANK PRESSURE, 35 PSIA RUN 1,
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50

RUDOMIN, P.
REGISTRAZIONE MICROELETTRODICA DI RISPOSTE LENTE IMPTALAMICHE EVOCATE DA STIMOLI SENSITIVI (MICROELECTRODE RECORDING OF SLOW HYPOTHALAMIC EVOKED RESPONSES TO SENSORY STIMULI),
AD-629 279 6P T 66 08

CONTHIBUTION OF LOCAL ACTIVITY AND ELECTRIC SPREAD TO SOMATICALLY EVOKED POTENTIALS IN DIFFERENT AREAS OF THE HYPOTHALAMUS,
AD-629 280 6P T 66 08

RUEDENBERG, KLAUS
LOCALIZED SELF-CONSISTENT FIELD ORBITALS IN ATOMS AND MOLECULES,
IS-1107 20H U 41 07 HC$ 1.00 MF$ 0.50

RUGGLES, TERRY
UPDATING OF THESAUR PROGRAM.
AD-629 368 6D T 66 08 HC$ 5.60 MF$ 0.50

RUIJGROK, TH. W.
VARIATIONAL APPROACHES TO THE ANTIFERROMAGNETIC LINEAR CHAIN,
AD-629 657 20L T 66 08

RUNCE, D. E.
TWO-PHASE FLOW AND BOILING HEAT TRANSFER.
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50

RUSANOVA, K. P.
A SYSTEM FOR AUTOMATIC PRESSURE RECORDING IN SUBLIMATION DRYING,
AD-628 428 14B T 66 07 HC$ 1.00 MF$ 0.50

RUSH, E. S.
CHARACTERISTICS OF U. S. RICE FIELDS AND THEIR EFFECTS ON GROUND MOBILITY.
AD-628 734 8N T 66 07 MF$ 1.00

TRAFFICABILITY TESTS ON CONFINED ORGANIC TERRAIN (MUSKEG). SUMMER 1962 TESTS.
AD-629 522 13F T 66 08 MF$ 1.00

RUSH, WILLIAM A.
SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES,
AD-629 492 7C T 66 08

RUSSELL, RICHARD J.
AUSTRALIAN TIDAL FLATS.
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50

RUSS, CLEM
EFFECT OF PROLONGED HYPOTHERMIA ON THE HEART AND LIVER,
AD-629 067 6S T 66 08 HC$ 1.10 MF$ 0.50

RUTHERFORD, DAVID
CARBOHYDRATE DERIVED POLYAMIDES.
PATENT 3,225,012 11I U 41 08

RYCHAGOV, G. I.
CHRONICLE: ALL UNION CONFERENCE ON LANDSCAPING IN ALMA-ATA (6TH),
AD-628 533 8F T 66 07 HC$ 1.00 MF$ 0.50

RYSTEPHANICK, R. G.
PHONON BROADENING OF IMPURITY SPECTRAL LINES. III. DIAGRAM TECHNIQUE,
AD-628 519 20L T 66 07

SABROFF, A. E.
INVESTIGATION OF THE ACQUISITION PROBLEM IN SATELLITE ATTITUDE CONTROL.
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50

SACHER, P. A.
EFFECTS OF A SIMULATED HIGH ENERGY ELECTRON SPACE ENVIRONMENT ON THE ULTRA- VIOLET TRANSMITTANCE OF OPTICAL MATERIALS BETWEEN 1050 AND 3000 A,
N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50

SACHS, H.
RELEASE OF VASOPRESSIN FROM ISOLATED GUINEA PIG POSTERIOR PITUITARIES,
AD-629 599 6P T 66 08

SACKS, ALVIN H.
LAMINAR FLOW REGIMES FOR RIGID-SPHERE SUSPENSIONS.
AD-629 312 20D T 66 08 HC$ 3.00 MF$ 0.75

SAENGER, EUGENE L.
METABOLIC CHANGES IN HUMANS FOLLOWING TOTAL BODY IRRADIATION.
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50

SAFAR, PETER
A STUDY OF ARTIFICIAL RESPIRATION AND RESUSCITATION.
AD-466 296 6E U 41 07 HC$ 1.00 MF$ 0.50

SAFRANY, D. R.
AN INVESTIGATION OF SOME REACTIONS OF ACTIVE NITROGEN.
N66-10215 7C U 41 08 HC$ 5.00 MF$ 1.25

SAGE, GLEN H.
MEASUREMENT OF ELECTRICAL PROPERTIES OF HIGH TEMPERATURE RADOME MATERIALS BY MEANS OF THE XB 3000A DIELECTROMETER.
AD-629 454 17I T 66 08 HC$ 4.00 MF$ 1.00

SAITO, M.
PARTIAL DERIVATIVES OF SURFACE WAVE PHASE VELOCITY WITH RESPECT TO PHYSICAL PARAMETER CHANGES WITHIN THE EARTH.
AD-629 532 8K T 66 08

SAKIOTIS, N. G.
ACTIVE ACOUSTIC DEVICES.
AD-628 450 9A T 66 07 HC$ 3.00 MF$ 0.75

SALANDIN, G. A.
POLARIZATION OF THE RECOIL PROTON FROM PI(0) 0 PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

SALAVA, R. F.
DATA TRANSMISSION INVESTIGATION (SHORT RANGE HF RADIO DATA

TRANSMISSION).
AD-628 988 17B T 66 08 HC$ 5.00 MF$ 1.00

SALA, O.
THE EP = 2.66 MEV RESONANCE IN O16(P,P)O16,
AD-628 698 20H T 66 07

SALISBURY, J. W.
BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1960-1964.
AD-628 792 3A T 66 07 HC$ 8.30 MF$ 2.25

SALIVE, MARCEL L.
EFFECTS OF TEMPERING ABOVE THE LOWER CRITICAL TEMPERATURE A SUB C1 ON THE PROPERTIES OF AN HY-80 STEEL.
AD-628 979 13H T 66 08 HC$ 2.00 MF$ 0.50

SALMAN, E. M.
THE MAXIMUM RANGE OF RADAR DETECTION OF SHOWERS.
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50

THE RELATION BETWEEN THE THERMODYNAMIC STATE OF THE ATMOSPHERE AND RADAR ECHOES FROM A CLEAR SKY.
AD-628 971 4A T 66 08 HC$ 1.00 MF$ 0.50

SPECIAL FEATURES OF THE RADAR CHARACTERISTICS OF THUNDERSTORM CLOUDS.
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50

PROPERTIES OF THE RADAR ECHO IN SOUNDING OF CU CLOUDS OF SMALL VERTICAL EXTENT.
AD-629 010 4B T 66 08 HC$ 1.00 MF$ 0.50

SALPETER, E. E.
ON THE INTERACTION OF RADIATION FROM DISTANT SOURCES WITH THE INTERVENING MEDIUM,
AD-628 475 3B T 66 07

ENHANCEMENT OF PLASMA DENSITY FLUCTUATIONS BY NONTHERMAL ELECTRONS,
AD-629 336 4A T 66 08

INCOHERENT SCATTER FROM PLASMA OSCILLATIONS IN THE IONOSPHERE,
AD-629 337 4A T 66 08

SALTER, L. S.
TEMPERATURE FACTORS AND THERMODYNAMIC PROPERTIES OF CRYSTALS,
AD-629 745 20B T 66 08

SAMAHAHN, ARKOM
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

SAMARA, G. A.
PRESSURE DEPENDENCE OF THE DIELECTRIC CONSTANT OF STRONTIUM TITANATE,
AD-628 606 20L T 66 07

SAMOILENKO, V. S.
METHODS OF EVALUATING ADVECTION IN THE HEAT BALANCE OF SEAS AND OCEANS,
AD-628 147 8J T 66 07 HC$ 1.60 MF$ 0.50

SAMUEL, ARYEH H.
LIQUID LASER PARAMETERS.
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

SANBORN, WARREN R.
IMMUNOFLUORESCENCE, AN ANNOTATED BIBLIOGRAPHY. III. STUDIES OF FUNGI, METAZOA, PROTOZOA, AND RICKETTSIAE,
AD-628 666 6M T 66 07 HC$ 2.00 MF$ 0.50

SANDERS, WILLIAM A.
APPROXIMATION OF EXPECTATION VALUES,
AD-628 482 7D T 66 07

SANDIFER, R. J.
A IMP MISSION PROFILE AND REAL TIME COMPUTING SYSTEM DESCRIPTION,
N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50

SANDMEIER, HENRY A.
THERMAL NEUTRON SPECTRA FROM AN UNDERGROUND NUCLEAR EXPLOSION WITH SPECIAL CONSIDERATION OF SPECTRAL MODIFICATION DUE TO BOMB DEBRIS MOTION,
LA-3403 18C U 41 08 HC$ 3.00 MF$ 0.50

SANDMEIER, H. A.
COMPUTATION OF FAST NEUTRON PENETRATION IN AIR BY THE SN-METHOD WITH SPECIAL EMPHASIS ON THE USE OF MULTI-TABLE-MULTI- GROUP CROSS SECTION SETS,
LA-3415 20H U 41 08 HC$ 3.00 MF$ 0.75

SANTORO, G. J.
HALL COEFFICIENT OF TANTALUM CARBIDE AS FUNCTION OF CARBON CONTENT,
N66-12145 20L U 41 08 HC$ 1.00 MF$ 0.50

SARACHIK, P. E.
ON THE FORMULATION OF ADAPTIVE OPTIMAL CONTROL PROBLEMS,
AD-629 691 9C T 66 08

SARGENT, WALLACE L. W.
STUDIES OF THE PECULIAR A STARS. II. THE SILICON-ABUNDANCE ANOMALY,
AD-629 036 3B T 66 08

SASAKI, EDWIN H.
FEASIBILITY OF USING HANDRAILS TO MOVE ALONG SURFACE WHILE WEIGHTLESS.
AD-628 596 22A T 66 07 HC$ 1.60 MF$ 0.50

SATER, V. E.
APPLICATION OF GIBBS-DUHEM EQUATION TO BINARY VAPOR-LIQUID EQUILIBRIUM DATA OF METAL SYSTEMS USING NEWTONS INTERPOLATION FORMULAE,
IS-1241 7D U 41 07 HC$ 2.00 MF$ 0.50

SAUCIER, R. T.
SELECTED GEOLOGIC LITERATURE LOWER MISSISSIPPI VALLEY DIVISION AREA INDEX AND ANNOTATED BIBLIOGRAPHY,
AD-628 983 8G T 66 08 HC$ 6.00 MF$ 1.25

SAUMAGNE, PIERRE
NEAR-INFRARED SPECTRUM OF LIQUID WATER FROM 30 TO 374 DEGREES,
AD-629 388 7D T 66 08

SAVAGE, H. W.
SNAP-8 CORROSION PROGRAM SUMMARY REPORT,
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25

SAVELY, H. E.
RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. III. ELECTRORETINOGRAPHIC RESPONSES TO POLARIZED LIGHT,
AD-628 376 6C T 66 07

SAVINO, JOSEPH M.
EXPERIMENTAL PROFILES OF VELOCITY COMPONENTS AND RADIAL PRESSURE DISTRIBUTIONS IN A VORTEX CONTAINED IN A SHORT CYLINDRICAL CHAMBER,
N65-35840 1A U 41 07 HC$ 2.00 MF$ 0.50

SAVUKINAS, A. IU.
SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS.
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

SAWYER, J. C.
GENERATION OF LONG TIME CREEP DATA OF REFRACTORY ALLOYS AT ELEVATED TEMPERATURES.
N66-10702 11F U 41 08 HC$ 4.00 MF$ 0.75

SCALA, SINCLAIRE M.
HYPERSONIC RAREFIED PLASMA FLOW.
AD-628 924 20I T 66 08 HC$ 1.10 MF$ 0.50

SCHAEFFER, HARRY G.
SUPERSONIC FLUTTER OF A THERMALLY STRESSED FLAT PANEL WITH UNIFORM EDGE LOADS,
N65-35958 1A U 41 07 HC$ 1.00 MF$ 0.50

SCHAFER, MARGARET E.
THE DIMERIZATION OF GASEOUS BENZYNE,
AD-629 681 7C T 66 08

SCHAFFER, N. K.
O-RING JOINT TUBES FOR PROTEIN-HYDROLYSATES.
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50

SCHAFFER, PHILIP S.
VAPOR PHASE GROWTH OF RUBY MONOCRYSTALS.
AD-629 154 20B T 66 08 HC$ 3.60 MF$ 0.50

SCHARMACK, D. K.
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS,
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

SCHAUER, R. L.
VLF RELATIVE PHASE PREDICTIONS FOR SELECTED TRANSMISSION PATHS.
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75

SCHEIRE, ELMER H.
SURFACE WAVE AND ANTENNA ENGINEERING RESEARCH STUDY.
AD-628 859 9E T 66 07 HC$ 1.00 MF$ 0.50

SCHIERER, M.
FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03,
AD-629 188 20L T 66 08

SCHIEL, E. J.
PULSE-CODE MODULATION MULTIPLEX TRANSMISSION OVER AN INJECTION LASER TRANSMISSION SYSTEM,
AD-629 503 20E T 66 08

SCHIFF, H. I.
KINETICS OF ATMOSPHERIC GASES.
AD-629 064 4A T 66 08 HC$ 2.00 MF$ 0.50

MASS-SPECTROMETRIC STUDIES OF ATOMIC REACTIONS. V. THE REACTION OF NITROGEN ATOMS WITH NO2,
AD-629 665 7D T 66 08

SCHIFRIN, A.
PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502,
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50

SCHIKARSKI, L.
PRODUCTION OF UO2 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

SCHIKERSKI, L.
PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

SCHILLER, T.
500-WATT FUEL-CELL POWER PLANT.
AD-628 159 10B T 66 07 HC$ 4.60 MF$ 0.50

SCHILLER, T. R.
ELECTRONICALLY STEERABLE ARRAY.
AD-629 543 9E T 66 08 HC$ 4.60 MF$ 0.50

SCHILLING, DONALD L.
A COMPARISON OF THE THRESHOLD PERFORMANCE OF THE FREQUENCY DEMODULATOR USING FEEDBACK AND THE PHASE LOCKED LOOP.
PB-169 206 9C U 41 07 HC$ 2.00 MF$ 0.50

SCHILLING, G. F.
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL OBSERVATORY ON THE MOON.
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

SCHINDEL, LEON H.
EFFECT OF VORTEX SEPARATION ON LIFTING BODIES OF ELLIPTIC GROSS SECTION.
AD-628 224 20D T 66 07 HC$12.60 MF$ 1.00

SCHINDLER, J. K.
THE THEORETICAL AND NUMERICAL DETERMINATION OF THE RADAR CROSS SECTION OF A FINITE CONE.
AD-628 633 17I T 66 07

SCHIRARSKI, L.
PRODUCTION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

SCHLAG, E. W.
MONOENERGETIC PHOTOLYTIC REACTIONS.
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

SCHMIDT, D. N.
SHOCK WAVE COMPRESSION OF 'PLEXIGLAS' IN THE 2.5 TO 20 KILOBAR REGION.
AD-628 715 20K T 66 07

SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

SCHMIDT, R. F.
AN ANALYSIS OF SIMULTANEOUS BEAM FORMATION BY MEANS OF PASSIVE SCATTERING MATRICES AND UNIFORM PLANAR ANTENNA ARRAYS.
N65-17259 9E U 41 07 HC$ 3.00 MF$ 0.75

SCHMIDT, W. E.
A BASIC STUDY OF THE SLIDING CONTACTS IN ROLLING BEARINGS.
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50

SCHMID, L. A.
RELATIVISTIC CHARGED FLUID FLOW. I. ENTROPY FORCE TENSOR.
N66-11231 20M U 41 08 HC$ 2.00 MF$ 0.50

SCHMITZ, G.
NONDESTRUCTIVE TESTING FOR EVALUATION OF STRENGTH OF BONDED MATERIAL.
N66-11761 13H U 41 08 HC$ 4.00 MF$ 1.00

SCHMIT, L. A.
THE SYNTHESIS OF A LAMINATED PLATE FOR HIGH TEMPERATURE APPLICATION.
N66-10881 20K U 41 08 HC$ 3.00 MF$ 0.75

SCHNEIDER, J. M.
AN APPARATUS TO STUDY THE COLLISION AND COALESCENCE OF LIQUID AEROSOLS.
AD-628 451 13G T 66 07

SCHNEIDER, SOL
THE 'HOUR-GLASS' ENERGY DIVERTER.
AD-629 571 9A T 66 08 HC$ 2.00 MF$ 0.50

SCHNEPP, O.
SCHUMANN-RUNGE BANDS OF O2 IN SOLID PHASES: SPECTROSCOPIC MEASUREMENT OF INTERMOLECULAR POTENTIALS.
AD-628 720 7D T 66 07

SCHOBEL, J. D.
DIE KOBALTECKE IM DREISTOFFSYSTEM KOBALT-NIOB-BOR (THE COBALT PHASE IN THE TERTIARY SYSTEM OF COBALT-NIOBIUM-BORON).
AD-629 395 11F T 66 08

SCHOENBERGER, MICHAEL
SYSTEM OPTIMIZATION WITH FIXED CONTROL STRUCTURE.
AD-628 112 12B T 66 07 HC$ 8.60 MF$ 0.75

SCHOFFER, P.
PHOTOVOLTAIC POWER SYSTEMS USING HIGH SOLAR ENERGY FLUXES.
AD-629 241 10B T 66 08 HC$ 3.00 MF$ 0.75

SCHOTT, DONALD C.
PHARMACOTOXIC EVALUATION OF NINE VEHICLES ADMINISTERED INTRAPERITONEALLY TO MICE.
AD-628 313 6T T 66 07 HC$ 2.60 MF$ 0.50

SCHREIBER, PAUL W.
MEASURED GAMMA SPECTRA BEHIND VARIOUS THICKNESSES OF BERYLLIUM, BERYLLIUM OXIDE, AND LITHIUM HYDRIDE.
APEX-700 18J U 41 08 HC$ 3.00 MF$ 1.00

SCHREINER, B. G.
TRAFFICABILITY TESTS ON CONFINED ORGANIC TERRAIN (MUSKEG). SUMMER 1962 TESTS.
AD-629 522 13F T 66 08 MF$ 1.00

SCHROCK, V. E.
PULSED REACTOR SIMULATION OF UNDERWATER NUCLEAR DETONATIONS-THERMAL ANALYSIS.
AD-629 404 18C T 66 08 HC$ 3.60 MF$ 0.50

SCHULTZ, F. V.
THE THEORETICAL AND NUMERICAL DETERMINATION OF THE RADAR CROSS SECTION OF A FINITE CONE.
AD-628 633 17I T 66 07

SCHUMANN, JOHN R.
CNU-1/P SUSTENANCE KIT MODIFICATION (T-33).
AD-629 347 6G T 66 08 HC$ 1.60 MF$ 0.50

SCHUMAN, WILLIAM J.
A FAILURE CRITERION FOR BLAST LOADED CYLINDRICAL SHELLS.
AD-628 289 13M T 66 07 HC$11.60 MF$ 0.75

SCHUSTER, DONALD H.
THE TROUBLE LOCATOR: A TROUBLESHOOTING AID FOR A COMPLEX ELECTRONIC SYSTEM.
PB-169 205 5I U 41 07 HC$ 1.00 MF$ 0.50

SCHUTZ, A. E.
DESIGN AND MANUFACTURE OF DIRECT CURRENT TORQUER AMPLIFIERS.
N66-10625 9C U 41 08 HC$ 2.00 MF$ 0.50

SCHWARTZBERG, F. R.
DETERMINATION OF LOW-TEMPERATURE FATIGUE PROPERTIES OF STRUCTURAL METAL ALLOYS.
N66-10611 11F U 41 08 HC$ 5.00 MF$ 1.00

SCHWARTZLOSE, RICHARD A.
MIGRANT SOUND SCATTERERS: INTERACTION WITH THE SEA FLOOR.
AD-628 965 8A T 66 08

SCHWARTZ, DAVID J.
DEPRESSION IN THE OFFICER PATIENT.
AD-628 755 6E T 66 07

SCHWARTZ, J. I.
RESEARCH AND TECHNOLOGY DIVISION REPORT FOR 1965.
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00

SCHWARZENBACH, KURT
BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IBRATION STUDIES OF SOME SUBSTITUTED DIBENZO BICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES.
AD-629 547 7C T 66 08

SCHWEITZER, S.
DIRECT ENERGY CONVERSION SYSTEMS. PART I. ELECTRICAL CONDUCTIVITY OF PARTIALLY IONIZED GASES.
AD-628 528 20I T 66 07 HC$ 3.00 MF$ 0.50

SCHWENKE, T. W.
DEVELOPMENT OF AN IMPROVED LAND-SURFACE FALLOUT MODEL.
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00

SCHWENN, ELIZABETH
SIMULATED SIMILARITY AND MEDIATION TIME IN TRANSFER.
AD-628 639 5J T 66 07

SCHWERING, F.
MODES IN RADIAL WAVE BEAM RESONATORS.
AD-629 502 9A T 66 08

SCOSSIROLI, R. E.
VALUE OF INDUCED MUTATIONS FOR QUANTITA- TIVE CHARACTERS IN PLANT BREEDING.
CONF 551-3 6C U 41 08 HC$ 1.00 MF$ 0.50

SCOTT, DONALD A.
BASE-CATALYZED INTRAMOLECULAR 1,3- AND 1,5-PROTON TRANSFERS.
AD-629 638 7C T 66 08

SCOTT, R. E.
RELIABLE SOLID-STATE CIRCUITS.
N66-11799 9E U 41 08 HC$ 3.00 MF$ 0.75

SCRIVEN, L. E.
GALERKIN'S METHOD AND THE LOCAL POTENTIAL.
AD-628 582 12A T 66 07 HC$ 1.10 MF$ 0.50

SEARLE, LEONARD
STUDIES OF THE PECULIAR A STARS. II. THE SILICON-ABUNDANCE ANOMALY.
AD-629 036 3B T 66 08

SEARLS, DONALD T.
SOME THEORETICAL ASPECTS OF THE IMPROVEMENT OF DOCUMENT SCREENING BY ASSOCIATIVE TRANSFORMATIONS.
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50

SEATON, M. J.
NIGHT-TIME ELECTRON TEMPERATURES IN THE UPPER F REGION.
AD-628 234 4A T 66 07 HC$ 1.00 MF$ 0.50

SEAVEY, MARDEN H.
PHONON GENERATION BY MAGNETIC FILMS.
AD-629 714 20C T 66 08

SEDELOW, SALLY YEATES
UPDATING OF THESAUR PROGRAM.
AD-629 368 6D T 66 08 HC$ 5.60 MF$ 0.50

SEDLACEK, R.
STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS.

N66-11767 7B U 41 08 HC$ 1.00 MF$ 0.50

SEEGER, PHILIP A.
A TABLE OF BINDING ENERGIES AND PARTICLE SEPARATION ENERGIES FROM A MASS LAW.
LA-3380 20H U 41 08 HC$ 4.00 MF$ 1.00

SEELEY, EDWIN W.
BROAD-BAND VLF TRANSMITTING TERMINATED DIPOLE.
AD-629 353 9E T 66 08 HC$ 1.00 MF$ 0.50

SEGAL, E.
MOSSBAUER EFFECT IN DY161 IN METALLIC DYSPROSIUM, DYFE2, AND DYAL2.
AD-629 236 20H T 66 08

SEGEL, S. L.
CATALOG OF NUCLEAR QUADRUPOLE INTERACTIONS AND RESONANCE FREQUENCIES IN SOLIDS. PART II. HALOGEN RESONANCES IN ORGANIC COMPOUNDS.
IS-1222 7C U 41 07 HC$ 4.00 MF$ 0.75

SEGNIT, E. R.
THE SOLUBILITY OF CALCITE IN AQUEOUS SOLUTIONS. I. THE SOLUBILITY OF CALCITE IN WATER BETWEEN 75 DEGREES AND 200 DEGREES AT C02 PRESSURES UP TO 60 ATM.
PB-169 138 8D U 41 07 HC$ 3.00 MF$ 0.50

SEIFERT, RALPH L.
ELECTRONIC COMMUTATOR DETERMINATION OF E OF FORMATION AND RELATED THERMODYNAMIC QUANTITIES FOR MOLTEN LEAD CHLORIDE.
AD-628 269 7D T 66 07

CONTACT POTENTIAL DIFFERENCE BETWEEN SILVER NITRATE AND SILVER.
AD-629 075 7D T 66 08

SELINE, T. S.
CONTINUOUS ELECTROWINNING OF PLUTONIUM METAL. SCALEUP STUDIES: PROGRESS REPORT.
RL-SEP-244(DEL.) 7B U 41 07 HC$ 2.00 MF$ 0.50

SEKERA, Z.
SCATTERING MATRICES AND RECIPROCITY RELATIONSHIPS FOR VARIOUS REPRESENTATIONS OF THE STATE OF POLARIZATION.
AD-629 556 4A T 66 08 HC$ 4.60 MF$ 0.50

SELBY, C. L.
STRESS CORROSION CRACKING OF TITANIUM ALLOYS.
N66-10876 11F U 41 08 HC$ 1.00 MF$ 0.50

SELIGA, T. A.
ROCKET INSTRUMENTATION FOR THE MEASUREMENT OF D-REGION ELECTRON DENSITY AND COLLISION FREQUENCIES.
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50

SEMENOV, A. N.
DETERMINING THE DENSITY OF A GAS BEHIND A SHOCK WAVE FROM SHADOW PHOTOGRAPHY.
AD-629 471 20D T 66 08 HC$ 2.60 MF$ 0.50

SENDROY, JULIUS
DETERMINATION OF HUMAN BODY VOLUME FROM HEIGHT AND WEIGHT.
AD-628 948 6P T 66 08

SENN, H. V.
A SUMMARY OF EMPIRICAL STUDIES OF THE HORIZONTAL MOTION OF SMALL RADAR PRECIPITATION ECHOES IN HURRICANE DONNA AND OTHER TROPICAL STORMS.
PB-169 248 4B U 41 07 HC$ 3.00 MF$ 0.75

SENTER, R. J.
A COMPARISON OF FORWARD AND BACKWARD CHAINING TECHNIQUES FOR THE TEACHING OF VERBAL SEQUENTIAL TASKS.
AD-628 944 5I T 66 08 HC$ 1.60 MF$ 0.50

REVIEW OF MNEMONICS AND MNEMONOTECHNICS FOR IMPROVED MEMORY.
AD-629 594 5J T 66 08 HC$ 2.00 MF$ 0.50

SEPE, J.
AMPLIFIER ASSEMBLY AM-4006( ) /FCC-17 (SUPERGROUP CARRIER AMPLIFIER).
AD-628 157 9E T 66 07 HC$ 3.60 MF$ 0.50

SERLEMITSOS, PETER
AN INVESTIGATION OF THE INTENSITIES AND CHARGE COMPOSITION OF LOW ENERGY ELECTRONS AT BALLOON ALTITUDES.
N66-13226 20H U 41 07 HC$ 1.00 MF$ 0.50

SEROVA, G. A.
CERTAIN PROPERTIES OF CALCIUM-OXIDE REFRACTORIES.
AD-629 228 11B T 66 08 HC$ 1.00 MF$ 0.50

SETHNA, P. R.
NONLINEAR OSCILLATIONS OF A GYROSCOPIC PENDULUM WITH AN OSCILLATING POINT OF SUSPENSION.
AD-629 586 20K T 66 08

SETLIFF, JAMES A.
AMELIORATIVE MEASURES IN FASTING, SUBARCTIC SURVIVAL SITUATIONS.
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50

A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

SEVERNE, G.
KINETIC EQUATIONS AND STATIONARY STATE FOR A SYSTEM IN A UNIFORM EXTERNAL FIELD.
AD-628 374 20H T 66 07

SEYLER, JAY K.
PROTONATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES. A NEW SYNTHESIS OF NITRILES.
AD-629 112 7C T 66 08

PREPARATION OF ORGANOCYANOCORALTATE(III) COMPLEXES.
AD-629 122 7C T 66 08

SHAFFER, CHARLES V.
TRANSFORMERLESS N-PORT SYMMETRICAL -TRANSMISSION-LINE SYNTHESIS.
PB-169 139 9C U 41 07 HC$ 4.00 MF$ 0.75

SHAFFER, FRANCIS B.
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

SHAFFER, J.
THE SEARCH UNDERWATER FOR A DOWNED NAVY JET AIRCRAFT.
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50

SHAHAM, Y. J.
BEAM DETERIORIATION AND STIMULATED RAMAN EFFECT.
AD-628 074 20F T 66 07 HC$ 1.00 MF$ 0.50

SHAKIN, C.
EFFECTIVE INTERACTIONS IN FINITE NUCLEI.
AD-629 703 20H T 66 08

SHAMIR, E.
MULTIPLIERS OF FOURIER TRANSFORM IN A HALF-SPACE.
AD-629 051 12A T 66 08

SHANNON, G. M.
BASELINE: A MAN-MACHINE PROGRAM FOR DATA ANALYSIS.
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00

SHANNON, IRA L.
SEASONAL VARIATIONS IN HUMAN PAROTID FLUID FLOW RATE IN A SUBTROPICAL CLIMATE.
AD-629 730 6P T 66 08 HC$ 1.00 MF$ 0.50

PROTECTIVE PERFORMANCE OF STANNOUS FLUORIDE-ZIRCONIUM SILICATE PROPHYLAXIS PASTES.
AD-629 738 6E T 66 08 HC$ 1.60 MF$ 0.50

GLUCOSE TOLERANCE RESPONSES IN YOUNG ADULTS OF SHARPLY CONTRASTING PERIODONTAL STATUS.
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50

SHANNON, J. A.
DEVELOPMENT OF DATA UNFOLDING TECHNIQUES FOR CONTOURED SEMICONDUCTOR NEUTRON SPECTROMETER.
N66-10648 18N U 41 08 HC$ 3.00 MF$ 0.75

SHANNON, J. H. W.
RESULTS AND CONCLUSIONS OF THE JOINT R.A.E/W.R.E. RESEARCH PROGRAMME ON THE FLIGHT DYNAMICS AND BALLISTIC CONSISTENCY OF FREELY FALLING CRUCIFORM FINS.
PB-169 224 19B U 41 07 HC$ 4.00 MF$ 1.00

SHAPIRA, Y.
EFFECTS OF HIGH MAGNETIC FIELDS ON THE ULTRASONIC VELOCITY AND ATTENUATION IN NB-25% ZR.
AD-629 185 20C T 66 08

UPPER CRITICAL FIELDS OF NB-TI ALLOYS: EVIDENCE FOR THE INFLUENCE OF PAULI PARAMAGNETISM.
AD-629 195 20L T 66 08

SHAPIRO, H.
A MASS SPECTROMETRIC ANALYSIS OF DC 704 DIFFUSION-PUMP OIL FRAGMENTATION.
N65-35833 7D U 41 07 HC$ 1.00 MF$ 0.50

SHAPIRO, NORMAN
ON THE CONTINUITY OF THE MINIMUM SET OF A CONTINUOUS FUNCTION.
AD-628 625 12B T 66 07 HC$ 6.60 MF$ 0.75

SHAPIRO, RALPH
COMPARISONS OF POWER SPECTRUMS OF ARTIFICIAL TIME SERIES WITH SPECTRUM OF A SOLAR PLAGE INDEX.
AD-629 114 3B T 66 08

SHAPLEY, LLOYD S.
WEIGHTED VOTING: A MATHEMATICAL ANALYSIS FOR INSTRUMENTAL JUDGMENTS.
AD-629 555 5D T 66 08 HC$ 3.60 MF$ 0.50

SHAPPIRIO, J. R.
NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES.
AD-629 514 20L T 66 08

SHARE, L.
RELEASE OF VASOPRESSIN FROM ISOLATED GUINEA PIG POSTERIOR PITUITARIES.
AD-629 599 6P T 66 08

SHARMA, M. G.
EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC COMPRESSIBILITIES OF POLYMERIC MATERIALS.
AD-628 716 20K T 66 07

STRESS-STRAIN BEHAVIOR OF AN INERT COMPOSITE PROPELLANT FOR MULTIAXIAL LOADING CONDITIONS.
N66-10614 21I U 41 08 HC$ 2.00 MF$ 0.50

SHARPE, WILLIAM N.
AN EXPERIMENTAL INVESTIGATION OF THE PORTEVIN-LE CHATELIER EFFECT IN DEAD ANNEALED COMMERCIAL PURITY ALUMINUM.
AD-629 500 11F T 66 08 HC$ 5.00 MF$ 0.75

SHATIL, A. A.
ON THE APPROXIMATE MODELING OF COMBUSTION CHAMBERS OF GAS TURBINES ON NATURAL GAS.
AD-629 474 21E T 66 08 HC$ 1.60 MF$ 0.50

SHAW, GORDON L.
ADSORPTIVE CORRECTIONS AND FORM FACTORS IN THE PERIPHERAL MODEL.
AD-629 020 20H T 66 08

SHAW, H. J.
MILLIMETER GENERATION AND NONLINEAR PROPAGATION IN FERROMAGNETICS.
AD-402 832 9E U 41 08 HC$ 2.00

SELECTED STUDIES IN MICROWAVE ACOUSTICS.
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50

SHAW, JOHN
VIBRATION OF THIN SHELLS UNDER INITIAL STRESS.
AD-628 736 20K T 66 07

SHAW, M. K.
BIOLOGICAL ACTIVITY OF BOVINE BRAIN CONSTITUENTS.
AD-628 167 6A T 66 07

SHCHEDROV, K. P.
OXIDATION-RESISTANT MATERIALS, A HANDBOOK.
AD-629 106 11F T 66 08 HC$ 5.00 MF$ 1.00

SHEFFIELD, C. S.
URANIUM INTERSTITIAL PHASES.
NCSC-2663-16 20B U 41 08 HC$ 1.00 MF$ 0.50

SHELDON, JOHN W.
ATOMIC BEAM DETERMINATION OF THE CESIUM-CESIUM TOTAL SCATTERING CROSS SECTION.
N66-13234 20G U 41 07 HC$ 2.00 MF$ 0.50

SHELDON, J. W.
CROSS SECTION FOR IMPACT IONIZATION OF ATOMS BY H/1S/ ATOMS NEAR THRESHOLD.
N66-12144 20H U 41 08 HC$ 1.00 MF$ 0.50

SHENKER, H.
DETECTOR INVESTIGATION FOR 8-15 AND 100-4000 MICRON REGIONS.
AD-628 870 20L T 66 07 HC$ 3.60 MF$ 0.50

SHEN, H.
VACUUM EFFECTS ON THE TENSILE AND CREEP PROPERTIES OF ALUMINUM.
AD-629 019 11F T 66 08

SHEN, H.
EFFECT OF VACUUM ON THE MECHANICAL BEHAVIOR OF METALS.
AD-628 794 11F T 66 07 HC$ 1.00 MF$ 0.50

SHEN, Y. R.
BEAM DETERIORIATION AND STIMULATED RAMAN EFFECT.
AD-628 074 20F T 66 07 HC$ 1.00 MF$ 0.50

SHEPHARD, D. C.
CHLOROPLAST MULTIPLICATION AND GROWTH IN THE UNICELLULAR ALGA ACETABULARIA MEDITERRANEA.
AD-629 459 6C T 66 08

SHERMAN, ARTHUR
EXTRA THERMAL IONIZATION AND MHD FLOWS.
AD-628 065 20I T 66 07 HC$ 1.00 MF$ 0.50

SHERMAN, CHARLES H.
FURTHER RESULTS ON ACOUSTIC RADIATION FROM A FINITE CYLINDER.
AD-628 127 20A T 66 07 HC$ 3.00 MF$ 0.75

SHERMAN, N.
CONVECTIVE INSTABILITIES IN FULLY DEVELOPED FLOWS.
AD-628 098 20D T 66 07 HC$ 1.60 MF$ 0.50

SHERMAN, WINDSOR L.
AN APPROXIMATE SOLUTION FOR LUMINOSITY DISTANCE IN ZERO-PRESSURE RELATIVISTIC MODEL UNIVERSES THAT HAVE THE U-PROPERTY.
N65-35836 3A U 41 07 HC$ 1.00 MF$ 0.50

SHEWMON, P. G.
THE ADSORPTION OF SULFUR ON COPPER.
AD-629 483 7D T 66 08 HC$ 3.60 MF$ 0.50

SHIMOMURA, NOBORU
COLLISION-INDUCED INSTABILITY IN A MAGNETOACTIVE PLASMA.
PB-169 188 20I U 41 07 HC$ 2.00 MF$ 0.50

SHINNAR, REUEL
IGNITION OF AN EVAPORATING FUEL IN A HOT OXIDIZING GAS, INCLUDING THE EFFECT OF HEAT FEEDBACK.
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50

SHIN, ERNEST E. H.
BORN RECIPROCITY PRINCIPLE AND UNITARY SYMMETRY.
AD-629 183 20H T 66 08

SHIN, HYUNG KYU
DEPENDENCE OF THE PROBABILITIES OF VIBRATIONAL DE-EXCITATION ON INTERACTION POTENTIALS.
AD-628 395 7D T 66 07

SHIPLEY, THORNE
HUMAN ELECTRORETINOGRAPHY AS A GAUGE OF VISUAL PERFORMANCE.
AD-629 737 6P T 66 08 HC$ 2.00 MF$ 0.50

SHLOSINGER, A. P.
RESEARCH AND DEVELOPMENT STUDY ON THERMAL CONTROL BY USE OF FUSIBLE MATERIALS.
N66-10628 20M U 41 08 HC$ 3.00 MF$ 0.75

ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20M U 41 08 HC$ 5.00 MF$ 1.00

SHOCKEY, D. A.
THE MECHANICAL PROPERTIES OF CERAMIC ALLOYS.
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50

SHOENBERGER, RICHARD W.
HUMAN PERFORMANCE AS A FUNCTION OF CHANGES IN ACOUSTIC NOISE LEVELS.
AD-628 198 5J T 66 07 HC$ 1.60 MF$ 0.50

SHONTING, DAVID H.
PRELIMINARY STUDIES ON THE TURBULENT CHARACTERISTICS OF OCEAN WAVES.
AD-467 337 8C U 41 07 HC$ 1.00 MF$ 0.50

SHOOK, GERRY L.
BODY MOISTURE AND THE OPERATING LIFE OF IMPLANTABLE HEART RATE TRANSMITTERS.
AD-628 262 6B T 66 07

SHOR, GEORGE G.
REFLECTION PROFILES ACROSS THE MIDDLE AMERICA TRENCH.
AD-629 136 8J T 66 08

SHUBE, E.
THE DESIGN OF AN OMNIDIRECTIONAL ANTENNA SYSTEM FOR THE APOLLO SPACECRAFT.
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25

SHUBIK, MARTIN
MEASURABLE, TRANSFERABLE, COMPARABLE UTILITY AND MONEY.
AD-628 785 5C T 66 07 HC$ 2.00 MF$ 0.50

SHUMWAY, ROBERT H.
SOME THEORETICAL ASPECTS OF THE IMPROVEMENT OF DOCUMENT SCREENING BY ASSOCIATIVE TRANSFORMATIONS.
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50

SHURAYM, G.
DELTA MODULATION IN FEEDBACK CONTROL SYSTEMS.
AD-629 664 9C T 66 08

SHVEDOVA, N. S.
DETONATION OF CONDENSED EXPLOSIVES WITH LOW CHARGE DENSITIES.
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50

SHWARTZ, JOSEPH
RADIATION EFFECTS IN THE STAGNATION REGION BOUNDARY LAYER.
AD-628 547 20M T 66 07 HC$ 5.60 MF$ 0.75

SIEGEL, ARTHUR I.
PERSONNEL PSYCHOPHYSICS.
AD-628 241 5J T 66 07

SIEGEL, BENJAMIN M.
INVESTIGATIONS OF ATOMIC PHENOMENA OCCURRING ON OR NEAR THE SURFACE OF SOLIDS BY METHODS OF ULTRA HIGH VACUUM ELECTRON DIFFRACTION AND ELECTRON MICROSCOPY.
AD-628 520 20B T 66 07 HC$ 1.00 MF$ 0.50

SIEGEL, R.
CRITICAL HEAT FLUX FOR SATURATED POOL BOILING FROM HORIZONTAL AND VERTICAL WIRES IN REDUCED GRAVITY.
N66-12141 20M U 41 08 HC$ 1.00 MF$ 0.50

SIESS, C. P.
STRENGTH AND BEHAVIOR OF SIMULATED CULVERT SECTIONS FAILING IN SHEAR.
AD-628 285 13B T 66 07 HC$ 8.60 MF$ 0.75

SILK, EDMOND J.
NITRIDING AND CARBONITRIDING OF TITANIUM METAL AND ITS ALLOYS.
AD-629 015 13H T 66 08 HC$ 4.60 MF$ 0.50

SILVERMAN, S. M.
ELECTRON-IMPACT ENERGY SPECTRA OF ACETONE AND 2-BUTANONE.
AD-628 904 7D T 66 08

SIMINOVITCH, L.
HOST-CELL INTERACTIONS IN MICE BEARING ISOLOGOUS HEMOPOIETIC GRAFTS (LA GREFFE DES CELLULES HEMATOPOIETIQUES ALLOGENIQUES).
AD-628 462 6P T 66 07

SIMONETTA, G.
TRIPHENYLPHOSPHINE-GOLD(0) GOLD(1) COMPOUNDS.
AD-629 303 7D T 66 08

SIMON, CHARLES W.
HUMAN ENGINEERING THE GPDS/LUCID SYSTEM: CONSIDERATIONS AND PLANS.
AD-628 206 5B T 66 07 HC$ 2.00 MF$ 0.50

SIMPSON, J. A.
DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT.

AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75

PROTONS AND HELIUM NUCLEI WITHIN INTERPLANETARY MAGNETIC REGIONS WHICH COROTATE WITH THE SUN,
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50

SIMS, CLAUDE C.
UNDERWATER SOUND TRANSDUCER WITH RESONANT GAS BUBBLE.
PATENT 3,219,970 9A U 41 07

SINGER, JOSEF
EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS UNDER TORSION,
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50

BUCKLING OF CIRCULAR CONICAL SHELLS UNDER UNIFORM AXIAL COMPRESSION,
AD-629 040 20K T 66 08

SINGH, M. P.
THE HYDROMAGNETICS OF AN ELLIPSOID MOVING IN AN ALIGNED FIELD,
AD-629 417 20I T 66 08

SINGLETARY, JOHN B.
SPACE MATERIALS HANDBOOK.
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50

SINGLETERRY, C. R.
THE ADHESION OF ICE TO HYDROPHOBIC SURFACES.
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50

SINNAMON, G. F.
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00

SINNHUBER, R. O.
EFFECT OF IRRADIATION ON THE MICROBIAL FLORA SURVIVING IRRADIATION PASTEURIZATION OF SEAFOODS,
TID-22289 6H U 41 08 HC$ 3.00 MF$ 0.50

SIRKIS, M. D.
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS,
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50

AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

SIVIER, KENNETH R.
DIGITAL COMPUTER STUDIES OF CONDENSATION IN EXPANDING ONE-COMPONENT FLOWS.
AD-628 543 20D T 66 07 HC$ 6.60 MF$ 0.75

SKARICS, R.
GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

SKARLATOS, M. S.
DEFLECTIONS AND STRESSES IN CONCRETE PAVEMENTS OF AIRFIELDS WITH CONTINUOUS ELASTIC JOINTS.
AD-628 501 13B T 66 07 HC$20.10 MF$ 1.25

SKAU, EVALD L.
VINYL CHLORIDE RESINS AND BUTADIENE RUBBERS WITH N-ACYL DERIVATIVES OF CYCLIC IMINES.
PATENT 3,219,612 11I U 41 07

VINYL CHLORIDE RESINS PLASTICIZED WITH N-ACYL DERIVATIVES OF SUBSTITUTED PIPERIDINE.
PATENT 3,219,614 11I U 41 07

N-OLEOYL-2-ETHYLETHYLENIMINE.
PATENT 3,219,659 11I U 41 07

MORPHOLIDES OF EPOXIDIZED FATTY ACIDS.
PATENT 3,219,664 11I U 41 07

N-DECANOYL TETRAHYDROQUINOLINE.
PATENT 3,223,708 6O U 41 08

DIESTERAMIDE PLASTICIZERS.
PATENT 3,226,403 11I U 41 08

SKEEL, P. S.
SELECTIVITY OF GROUND-STATE Cl AND TRIPLET-STATE CYCLOPROPYLIDENE IN OLEFIN ADDITION REACTIONS,
AD-629 052 7C T 66 08

SKEHAN, JAMES W.
PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS,
AD-628 080 8B T 66 07 HC$ 2.00 MF$ 0.50

SKELL, P. S.
THE CHEMISTRY OF C-1 METASTABLE STATES, 1-D AND 1-S,
AD-629 049 7C T 66 08

THE CHEMISTRY OF C-1 GROUND STATE, 3P,
AD-629 050 7C T 66 08

REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARBON WITH OLEFINS,
AD-629 063 7C T 66 08

SKERBELE, AUSMA
INTENSITY DISTRIBUTION IN THE ELECTRON-IMPACT SPECTRUM OF CARBON MONOXIDE AT HIGH-RESOLU- TION AND SMALL SCATTERING ANGLES,
AD-629 613 7D T 66 08

SKOGH, J.
AN INVESTIGATION OF THE PANEL COLLAPSE STRENGTH OF STIFFENED PLASTIC HEMISPHERES.
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50

SKOMAL, EDWARD N.
COMPUTER STUDY OF A DIVERSITY AUGMENTED, VEHICULAR, RADIO COMMUNICATION SYSTEM IN A MANMADE NOISE ENVIRONMENT.
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50

SKOVE, M. J.
SIZE EFFECTS IN RESIDUAL RESISTANCE RATIOS FOR ZINC 'WHISKERS',
AD-629 701 20B T 66 08

SKRYABIN, K. I.
TREMATODES OF ANIMALS AND MAN (FUNDAMENTALS OF TREMATODOLOGY, VOLUME 20),
AD-629 166 6C T 66 08 HC$10.40 MF$ 2.75

SKUJINS, J.
ENZYME ACTIVITY IN TERRESTRIAL SOIL IN RELATION TO EXPLORATION OF THE MARTIAN SURFACE.
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75

SKVORTSOV, L. P.
AGROCLIMATIC HANDBOOK FOR TYUMEN' OBLAST (SOUTHERN PART),
AD-629 662 4B T 66 08 HC$ 1.00 MF$ 0.50

SLATES, R. O.
ACOUSTIC LOSSES OF A SUBSCALE, COLD-FLOW ROCKET MOTOR FOR VARIOUS 'J' VALUES.
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75

SLIFKIN, L. M.
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CYRSTALS.
AD-629 058 20L T 66 08

SMALLEY, VERN G.
THE LUNAR CRATER DIONYSIUS.
AD-628 800 3A T 66 07

SMETANINA, D. I.
TRANSISTORS AND SEMICONDUCTOR DIODES,
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00

SMILEN, L. I.
TRANSVERSE ANTENNA FEED STUDY.
AD-629 546 9E T 66 08 HC$ 4.00 MF$ 0.75

SMITH, E. L.
INFLUENCE OF AUTOLOGOUS AND HOMOLOGOUS BLOOD EXCHANGE ON THE BLEEDING VOLUME OF DOGS,
AD-628 723 6E T 66 07

SMITH, FRANK R.
COULOSTATIC STUDY OF RESIDUAL OXYGEN IN ELECTRO-CHEMICAL INVESTIGATIONS,
AD-466 907 7D U 41 08 HC$ 2.00 MF$ 0.50

SMITH, F.
ON THE INFLUENCE OF REFLECTIONS FROM THE ENVIRONMENT ON HERO TEST RESULTS.
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50

SMITH, F. H.
DESIGN AND PERFORMANCE OF STAGED STEAM EJECTORS WITH INTERSTAGE CONDENSERS.
AD-629 526 13K T 66 08 HC$ 4.60 MF$ 0.50

SMITH, G. D.
EFFECTS OF GAMMA RADIATION ON SCR'S USED IN SWITCHING MODE AND IN APPLICATION TO ATTITUDE CONTROL MOTOR DRIVE BRIDGE,
N66-11201 9A U 41 08 HC$ 1.00 MF$ 0.50

SMITH, HAROLD T.
RESEARCH ON LOW FREQUENCY MEASUREMENTS.
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50

SMITH, HAROLD W.
AN INVESTIGATION OF THE MAGNETOTELLURIC METHOD FOR DETERMINING SUBSURFACE RESISTIVITIES,
AD-629 071 8G T 66 08 HC$ 4.00 MF$ 0.75

SMITH, JOHN O.
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

SMITH, JULIAN F.
GUIDE TO INSTRUMENTATION LITERATURE,
C13.10-271 14B U 41 08 MF$ 1.25

SMITH, J. N.
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES.
AD-628 066 7D T 66 07 HC$ 1.00 MF$ 0.50

SMITH, K. F.
A PRACTICAL SIMULTANEOUS ALPHA-BETA COUNTER FOR APPLIED HEALTH PHYSICS,
IDO-17122 6R U 41 07 HC$ 1.00 MF$ 0.50

SMITH, L. G.
ROCKET OBSERVATIONS OF SPORADIC E AND RELATED FEATURES OF THE E REGION,
N66-11748 4A U 41 08 HC$ 2.00 MF$ 0.50

SMITH, MICHAEL F.
A STUDY OF THE KAMAN DYNAMIC ANTIRESONANT VIBRATION ISOLATOR.
AD-629 636 13I T 66 08 HC$ 6.00 MF$ 1.50

SMITH, MONCRIEFF H.
ON THE INADEQUACIES OF A LIMITED-STATE THEORY OF THE THRESHOLD.
AD-629 679 5J T 66 08 HC$ 1.60 MF$ 0.50

SMITH, MORTON E.
AMYLOIDOSIS OF THE EYELID AND CONJUNTIVA.
AD-628 479 6E T 66 07

SMITH, M. H.
STRESS ANALYSIS OF ENCAPSULATION MATERIALS FOR WELDED MODULES.
AD-628 833 9E T 66 07 HC$ 3.00 MF$ 0.75

SMITH, P. G.
A STUDY OF THE EFFECTS OF INTERFERENCE ON NARROW-BAND PHASE LOCK LOOPS.
N66-10691 17B U 41 08 HC$ 3.00 MF$ 0.75

SMITH, RICHARD J.
REACTOR SAFETY. A LITERATURE SEARCH.
TID-3525 18I U 41 07 HC$ 3.00 MF$ 0.75

SMITH, R. R.
TERMINAL REPORT FOR THE MARK IV (PLUTON- IUM) LOADING IN EBR-I.
ANL-6865 18I U 41 08 HC$ 3.00 MF$ 0.75

SMITH, SIDNEY L.
COLOR CODING IN FORMATTED DISPLAYS.
AD-628 624 5J T 66 07

SMITH, T. F.
SEARCH FOR SUPERCONDUCTIVITY IN ALPHA-CERIUM.
AD-629 090 20L T 66 08

SMITH, VEDENE H.
THE GROUND-STATE THREE-BODY CORRELATION FUNCTION IN A DILUTE BOSON GAS WITH HARD-SPHERE INTERACTION.
AD-629 091 20J T 66 08 HC$ 1.60 MF$ 0.50

SMITH, WALTER L.
A THEOREM ON FUNCTIONS OF CHARACTERISTIC FUNCTIONS AND ITS APPLICATION TO SOME RENEWAL THEORETIC RANDOM WALK PROBLEMS.
AD-628 164 12A T 66 07 HC$ 3.00 MF$ 0.75

SMIT, J.
DOUBLE EXCHANGE FOR POLARONS.
AD-629 062 20C T 66 08

SMOLYAR, I. M.
A CONSIDERATION OF CERTAIN PREREQUISITES FOR THE INDUSTRIAL DEVELOPMENT OF SMALL AND MEDIUM-SIZE CITIES IN THE CENTRAL ECONOMIC REGION.
AD-628 844 8F T 66 07 HC$ 1.00 MF$ 0.50

SMYTH, M. B.
RESEARCH ON LOW FREQUENCY MEASUREMENTS.
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50

SNAVELY, BENJAMIN L.
ELECTROACOUSTIC TRANSDUCER AND DRIVING CIRCUIT THEREFOR.
PATENT 3,219,969 9A U 41 07

SNIEGOSKI, P. J.
ANALYSIS FOR ACYL COMPONENTS OF NEOPENTYL POLYOL ESTER LUBRICANTS.
AD-628 914 11H T 66 08 HC$ 1.00 MF$ 0.50

SNYDER, ALLEN
A THEORETICAL MODEL FOR COLOR VISION.
AD-628 873 6D T 66 07 HC$ 6.00 MF$ 1.25

SNYDER, R. S.
THE DEVELOPMENT OF AN ELECTRIC FIELD METER TO MEASURE SMALL VARIATIONS IN THE EARTH'S FIELD.
AD-628 369 14B T 66 07 HC$ 3.00 MF$ 0.50

SOICHER, HAIM
EFFECTS OF PRONOUNCED ELECTRON-CONTENT VARIATIONS ON DOPPLER SHIFT AT LOW ELEVATIONS.
AD-628 603 20N T 66 07

SOKOLOVSKY, M.
SYNTHESIS OF TRITIATED POLY-L-LYSINE (GAMMA, DELTA-T2).
AD-629 294 6A T 66 08

SOLLID, ERIK
REINFORCED CONCRETE. DESIGN DATA.
AD-628 139 13M T 66 07 MF$ 1.00

SOMERS, L. E.
MAGNETO-OPTICAL DISPLAY PANEL WITH MEMORY.
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50

SOMMERS, J. F.
A PRACTICAL SIMULTANEOUS ALPHA-BETA COUNTER FOR APPLIED HEALTH PHYSICS.
IDO-17122 6R U 41 07 HC$ 1.00 MF$ 0.50

SORENSEN, RAYMOND A.
STRUCTURE EFFECTS IN THE CHARGE RADIUS OF SPHERICAL NUCLEI.
AD-628 119 20H T 66 07 HC$ 4.00 MF$ 0.75

SORENSEN, R.
SPECTROSCOPIC FACTORS FROM DEUTERON STRIPPING REACTIONS LEADING TO GROUND AND FIRST EXCITED STATES OF EVEN SPHERICAL NUCLEI.
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50

SOUTHWORTH, HAMILTON
INTERACTION STRESSES OF EDGE DISLOCATIONS WITH OBSTACLES IN A DISCRETE CRYSTAL MODEL.
AD-628 404 20L T 66 07

SOWERS, DONALD L.
TORQUE REQUIREMENTS FOR ORIENTATION OF A SOLAR BRAYTON SYSTEM IN EARTH ORBIT.
N66-12157 22C U 41 07 HC$ 2.00 MF$ 0.50

SPAGNOLO, F. A.
PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES.
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50

SPANIER, EDWIN H.
FINITE-TURN PUSHDOWN AUTOMATA.
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50

SPARKS, DAVID E.
A SERIALS DATA PROGRAM FOR SCIENCE AND TECHNOLOGY. RESULTS OF A FEASIBILITY STUDY
PB-169 405 5B U 41 08 HC$ 5.00 MF$ 1.00

SPARKS, ROBERT A.
THE CRYSTAL AND MOLECULAR STRUCTURE OF 7,7,8,8-TETRACYANOQUINODIMETHANE.
AD-629 698 20B T 66 08

SPEERS, R. R. F.
DEVELOPMENT OF A HIGH-SENSITIVITY FAST NEUTRON DOSIMETER.
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50

SPEIER, HANS
GERMANY IN AMERICAN FOREIGN POLICY.
AD-629 569 5D T 66 08 HC$ 2.00 MF$ 0.50

SPERA, V. J.
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75

SPERELAKIS, N.
RELEASE OF VASOPRESSIN FROM ISOLATED GUINEA PIG POSTERIOR PITUITARIES.
AD-629 599 6P T 66 08

SPIALTER, LEONARD
OZONE: A NEW CLEAVAGE REAGENT FOR ORGANOSILANES.
AD-629 485 7C T 66 08

SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES.
AD-629 492 7C T 66 08

SPIEGEL, EDWARD A.
CONVECTIVE INSTABILITY IN A COMPRESSIBLE ATMOSPHERE. I.
AD-628 525 20D T 66 07

SPIEGEL, F. X.
BETA-MANGANESE PHASES IN TERNARY SYSTEMS OF TRANSITION ELEMENTS WITH SILICON, GERMANIUM, OR TIN.
AD-628 648 11F T 66 07

SPIEL, D. E.
SUPERCONDUCTING NUCLEAR PARTICLE DETECTOR.
AD-629 059 18D T 66 08 HC$ 1.00 MF$ 0.50

SPISZ, ERNIE W.
THRUST COEFFICIENTS OF LOW-THRUST NOZZLES.
N65-36896 21H U 41 07 HC$ 2.00 MF$ 0.50

SPITZ, WERNER U.
ULTRASTRUCTURAL ALTERATIONS IN RAT LUNGS. CHANGES AFTER INTRATRACHEAL PERFUSION WITH FRESHWATER AND SEAWATER.
AD-629 345 6E T 66 08

SPRINGER, T. E.
FORTRAN IV HYDROGEN PROPERTY TABULAR CODES.
LA-3381 20M U 41 07 HC$ 2.00 MF$ 0.50

SPRUIELL, J. E.
THE APPLICATION OF DIFFUSE X-RAY-SCATTERING TO THE STUDY OF THE STRUCTURE OF BINARY ALLOYS.
N66-12873 20B U 41 08 HC$ 1.00 MF$ 0.50

SPYERS-DURAN, PAUL
TECHNICAL NOTE NO. 32.
AD-628 598 4B T 66 07

SRIDHAR, R.
A STATISTICAL FORMULATION OF THE ESTIMATION AND THE COMBINED IDENTIFICATION AND CONTROL PROBLEMS. WORST CASE INITIAL CONDITION.
N66-10615 12A U 41 08 HC$ 3.00 MF$ 0.50

STADELMAIER, H. H.
DIE KOBALTREICHEN LEGIERUNGEN IN DREISTOFFSYSTEM KOBALT-ANTIMON-BOR.
AD-628 646 11F T 66 07

DIE KOBALTECKE IN DREISTOFFSYSTEN KOBALT-NIOB-BOR (THE COBALT PHASE IN THE TERTIARY SYSTEM OF COBALT-NIOBIUM-BORON).
AD-629 395 11F T 66 08

STADMORE, H. A.
ANALYSIS AND SYNTHESIS OF NON-UNIFORM TRANSMISSION LINES INCORPORATING LOSS.
AD-629 172 9A T 66 08

STAFFORD, WALTER H.
PERFORMANCE ANALYSIS OF CHEMICAL STAGES IN THE 300 TO 400

SECOND SPECIFIC IMPULSE RANGE FOR INTERPLANETARY MISSIONS.
N66-12150 22C U 41 07 HC$ 3.00 MF$ 0.75

STAGNER, H. R.
NIMBUS HRIR EQUIPMENT DIAGNOSTIC TEST PROGRAM.
N66-10688 9B U 41 08 HC$ 2.00 MF$ 0.50

STAIR, A. T.
OBSERVATION OF THE DELTA NU=1 SEQUENCE OF OH PRODUCED IN THE H + 03 REACTION.
AD-629 115 4A T 66 08

STAMER, P.
ON THE ANALYSIS OF K AND ETA INTO PI DECAY SPECTRA.
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50

STAMPER, JAMES H.
QUENCHING OF NA RADIATION BY HE.
AD-629 072 7D T 66 08

STANLEY, C. A.
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

STAPLES, JOHN P.
THE COMPUTER ORIENTED DESIGN OF ELECTRONIC DEVICES. (CODED). PROJECT--REVISED PROGRAM FOR POWER TRANSFORMERS.
AD-628 535 9A T 66 07 HC$ 3.00 MF$ 0.75

STARK, R. L.
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM.
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

STARR, EDWARD A.
DYNAMIC RESPONSE, ENERGY METHODS, AND TEST CORRELATION OF FLIGHT VEHICLE EQUIPMENTS.
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00

STAUDER, WILLIAM
THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963.
AD-472 354 8K U 41 07 HC$ 3.00 MF$ 0.75

STEELE, F. K.
A COMPARISON BETWEEN SOLAR X-RAY EMISSION AND VLF SUDDEN PHASE ANOMALIES.
AD-629 315 4A T 66 08

STEELE, J. A.
WATER MANAGEMENT SUBSYSTEM SPECIFICATION FOR SPACE FLIGHTS OF EXTENDED TIME PERIODS. LIFE SUPPORT SYSTEM FOR SPACE FLIGHTS OF EXTENDED TIME PERIODS.
N66-10552 6K U 41 08 HC$ 2.00 MF$ 0.50

STEIGLITZ, K.
APPLICATION OF THE MAXIMUM PRINCIPLE TO THE DESIGN OF MINIMUM BANDWIDTH PULSES.
AD-629 408 9D T 66 08

ADAPTIVE SIGNAL RECONSTRUCTION.
AD-629 409 9D T 66 08

STEINFINK, H.
THE PHASE EQUILIBRIA AND CRYSTAL CHEMISTRY OF THE RARE EARTH GROUP VI SYSTEMS. III. NEODYMIUM-TELLURIUM.
AD-628 455 20L T 66 07

THERMOELECTRIC AND ELECTRICAL MEASURE- MENTS IN THE ER-SE SYSTEM.
AD-629 173 20L T 66 08

STEIN, W.
DATA DISPLAY STUDY.
AD-457 165 9R U 41 07 HC$ 2.00

STENGER, F.
ERROR BOUNDS FOR ASYMPTOTIC SOLUTIONS OF SECOND-ORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF ARBITRARY RANK.
AD-628 663 12A T 66 07

STEPHENS, JOHN A.
AN EXPERIMENTAL METHOD FOR DETERMINING THE FLIGHT PATH OF LOW-FLYING AIRCRAFT.
AD-629 453 1B T 66 08 HC$ 1.60 MF$ 0.50

STEPHENS, K. S.
CHAIN SAMPLING INSPECTION PLANS- CHSP-0.4 AND CHSP-1.4.
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50

STEPHENS, TIMOTHY
METHODS OF CONTROLLING THE ROLL DEGREE OF FREEDOM IN A WIND TUNNEL MAGNETIC BALANCE. PART I. PRODUCTION OF ROLLING MOMENTS.
AD-628 570 14B T 66 07 HC$ 4.60 MF$ 0.50

STEPKA, FRANCIS S.
INVESTIGATION OF CHARACTERISTICS OF PRESSURE WAVES GENERATED IN WATER FILLED TANKS IMPACTED BY HIGH-VELOCITY PROJECTILES.
N66-13291 20K U 41 07 HC$ 1.00 MF$ 0.50

STERNLICHT, B.
DISTORTION OF GAS THRUST BEARING DUE TO VISCOUS SHEAR.
AD-629 038 13I T 66 08 HC$ 2.00 MF$ 0.50

STERN, HENRY E.
PHYSICS OF THE MOON. SELECTED TOPICS CONCERNING LUNAR EXPLORATION.
N66-11251 3B U 41 07 HC$ 6.00 MF$ 1.50

STERRETT, CHARLES S.
ADAPTION OF XM30 CATAPULT TO OPERATIONAL CONDITIONS. TASK I. DESIGN OF CATAPULT, AIR- CRAFT EJECTION SEAT: XM31. TASK II. MODIFICA- TION TO AIRCRAFT SEATS AND ROCKET CATAPULTS FOR ACTUATION OF COMPENSATING NOZZLES.
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50

STESIK, L. N.
DETONATION OF CONDENSED EXPLOSIVES WITH LOW CHARGE DENSITIES.
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50

STEUNENBERG, R. K.
CONSOLIDATION OF LANTHANON FISSION PRODUCTS IN ALLOYS.
ANL-7064 7B U 41 07 HC$ 1.00 MF$ 0.50

STEVENSON, F. D.
APPLICATION OF GIBBS-DUHEM EQUATION TO BINARY VAPOR-LIQUID EQUILIBRIUM DATA OF METAL SYSTEMS USING NEWTONS INTERPOLATION FORMULAE.
IS-1241 7D U 41 07 HC$ 2.00 MF$ 0.50

STEVENS, J. A.
A SUMMARY OF EMPIRICAL STUDIES OF THE HORIZONTAL MOTION OF SMALL RADAR PRECIPITATION ECHOES IN HURRICANE DONNA AND OTHER TROPICAL STORMS.
PB-169 248 4B U 41 07 HC$ 3.00 MF$ 0.75

STEVENS, PAUL M.
HYPOKINESIA SECONDARY TO CHAIR REST FROM 4 TO 10 DAYS.
AD-628 314 6S T 66 07

STEWART, A. L.
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE.
AD-628 497 9A T 66 07 HC$12.60 MF$ 1.00

STEWART, DAVID A.
A NOTE ON WIRE IGNITION IN COMBUSTION-HEATED DRIVERS FOR SHOCK-TUNNEL APPLICATION.
N65-35956 14B U 41 07 HC$ 1.00 MF$ 0.50

STEWART, J. K.
ANNUAL STATUS REPORT TO NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
N66-10886 5A U 41 08 HC$ 1.00 MF$ 0.50

STEWART, PETER
RADIATION DAMAGE IN MUSCLE MEMBRANES AND REGULATION OF CELL METABOLISM.
AD-629 215 6R T 66 08 HC$ 3.00 MF$ 0.75

STEWART, S. P.
OBSERVATION OF THE DELTA NU=1 SEQUENCE OF OH PRODUCED IN THE H + 03 REACTION.
AD-629 115 4A T 66 08

STEWART, WAYNE L.
DYNAMIC TESTS OF MODEL STEEL STRUCTURES.
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00

STEWART, WILLIAM M.
ELASTIC AND INELASTIC SCATTERING OF 40-MEV ALPHA PARTICLES FROM EVEN TIN ISOTOPES.
N65-35839 20H U 41 07 HC$ 2.00 MF$ 0.50

STEWART, W. C.
BIOLOGICAL ACTIVITY OF BOVINE BRAIN CONSTITUENTS.
AD-628 167 6A T 66 07

STILLMAN, G.
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS.
AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

STILLWELL, E. P.
SIZE EFFECTS IN RESIDUAL RESISTANCE RATIOS FOR ZINC 'WHISKERS'.
AD-629 701 20B T 66 08

STIRTON, ALEXANDER J.
WETTING AGENTS AND SURFACE ACTIVE COMPOSITIONS THEREFROM.
PATENT 3,219,584 11K U 41 07

STIVERS, R. H.
SOLAR-POWERED ELECTRIC PROPULSION SPACECRAFT.
N66-13000 21C U 41 08 HC$ 4.00 MF$ 1.00

STOCKMAYER, W. H.
DIELECTRIC RELAXATION IN LIQUID POLYPROPYLENE OXIDES.
AD-629 393 7D T 66 08

STODDARD, L. G.
EXPEDITION TO THAILAND FOR THE NOVEMBER 23, 1965 ANNULAR ECLIPSE.
AD-629 627 3B T 66 08 HC$ 2.00 MF$ 0.50

STOLLER, DAVID S.
LOGISTICS SYSTEMS CAPACITY.
AD-629 131 15E T 66 08 HC$ 2.00 MF$ 0.50

STOLL, JAMES C.
MAGNETIC FIELDS DUE TO SOLID AND HOLLOW CONICAL CONDUCTORS.
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00

STONEHART, PAUL D.
DIRECT ENERGY CONVERSION SYSTEMS. PART II. ELECTROCATALYTIC ACTIVITY OF HYDRAZINE IN FUEL CELL APPLICATION.
AD-628 529 10A T 66 07 HC$ 3.00 MF$ 0.50

STONEMETZ, R. E.
LIQUID CAVITATION STUDIES IN CIRCULAR PIPE BENDS.
N66-13237 20D U 41 07 HC$ 1.00 MF$ 0.50

STONE, A. M.
RADIO DOPPLER METHOD OF USING SATELLITES FOR GEODESY, NAVIGATION AND GEOPHYSICS WITHIN THE PLANETARY SYSTEM,
PB-1c9 236 17G U 41 07 HC$ 3.00 MF$ 0.75

STONE, B. W.
ISOTOPES IN INDUSTRY. TRENDS IN THE INDUSTRIAL USE OF RADIOISOTOPES AND IONIZING RADIATION.
NYO-3337-16 13H U 41 07 HC$ 1.50 MF$ 1.00

STONE, JAMES R.
LOCAL TURBULENT HEAT TRANSFER FOR WATER IN ENTRANCE REGIONS OF TUBES WITH VARIOUS UNHEATED STARTING LENGTHS.
N66-10714 20D U 41 07 HC$ 1.00 MF$ 0.50

STONE, MELVIN L.
SCATTERING AND ATTENUATION BY PRECIPITATION PARTICLES.
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75

STONG, R. A.
A NOISE EXPOSURE DURATION INDICATOR.
AD-629 101 14C T 66 08

STOOPS, ROBERT F.
A NUCLEAR FUEL CONSISTING OF VERY SMALL, UNIFORMLY DISPERSED UC PARTICLES IN A URANIUM MATRIX.
NCSC-2981-1 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-2 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-3 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-5 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-6 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-7 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-8 18J U 41 07 HC$ 1.00 MF$ 0.50

STOOPS, R. F.
URANIUM INTERSTITIAL PHASES.
NCSC-2663-16 20B U 41 08 HC$ 1.00 MF$ 0.50

STOPER, ARNOLD
REDIRECTING THE SEARCH PROCESS,
AD-628 561 5J T 66 07

STOWELL, ROBERT E.
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE,
AD-628 263 6A T 66 07

STRACK, WILLIAM C.
COMBINED HIGH-LOW THRUST PROPULSION FOR THE CLOSE SOLAR PROBE MISSION.
N66-12158 22B U 41 07 HC$ 2.00 MF$ 0.50

STRAIGHT, D. M.
NUCLEAR ROCKET SIMULATOR TESTS FLOW INITIATION WITH TURBINE ACCELERATED TANK PRESSURE 50 PSIA, RUN 11,
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75

STRANAHAN, GEORGE
REPORT TO THE OFFICE OF NAVAL RESEARCH,
AD-629 014 20J T 66 08 HC$ 3.00 MF$ 0.75

STRATA, P.
OCULAR PHENOMENA DURING SYNCHRONIZED AND DESYNCHRONIZED SLEEP (LES PHENOMENES OCULAIRES AU COURS DU SOMMEIL SYNCHRONISE ET DESYNCHRONISE),
AD-628 379 6P T 66 07

STRAUCH, RALPH E.
A PROPERTY OF SEQUENTIAL CONTROL PROCESSES,
AD-628 096 12B T 66 07 HC$ 1.60 MF$ 0.50

STRAWLEY, J. E.
STRESS-INTENSITY FACTORS FOR THREE-POINT BEND SPECIMENS BY BOUNDARY COLLOCATION,
N66-12526 20K U 41 08 HC$ 1.00 MF$ 0.50

STRAW, R. L.
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME I. THE EFFECT OF STRAIN RATE ON THE FLOW STRESS OF COPPER.
AD-628 865 11F T 66 07 HC$ 2.00 MF$ 0.50

STREATER, R. F.
ON THE NONLINEAR PROPERTIES OF RETARDED PRODUCTS,
AD-628 343 20J T 66 07

SPONTANEOUS BREAKDOWN OF SYMMETRY IN AXIOMATIC THEORY,
AD-628 739 20J T 66 07

STREET, TROY A.
BASE PRESSURE PROGRAM FOR A BODY OF REVOLUTION WITH NOZZLE FLOW,
AD-628 356 20D T 66 07 HC$ 2.00 MF$ 0.50

STREIFF, M. L.
UNIFIED REFRACTIVE INDEX AND DISPERSION EQUATIONS,
AD-628 473 20F T 66 07

STREITWIESER, ANDREW
MOLECULAR ORBITAL THEORY IN ORGANIC CHEMISTRY.
AD-628 297 7C T 66 07 HC$ 1.60 MF$ 0.50

STROBL, WOLFGANG W.
EFFECTS OF VARIOUS GASES ON HANDGEAR INSULATION.
AD-628 367 6Q T 66 07 HC$ 1.60 MF$ 0.50

STROM, THOMAS N.
EXPERIMENTAL STUDY OF END EFFECT AND PRESSURE PATTERNS IN HELICAL GROOVE FLUID FILM SEAL (VISCOSEAL).
N66-10333 11A U 41 07 HC$ 1.00 MF$ 0.50

STRUMWASSER, FELIX
THE DEMONSTRATION AND MANIPULATION OF A CIRCADIAN RHYTHM IN A SINGLE NEURON,
AD-628 727 6C T 66 07

STUART, J. D.
A STUDY OF THE VALENCE ELECTRON APPROXIMATION: APPLICATION TO LIH,
AD-628 261 7D T 66 07

STUART, P. N.
THE CALCULATION OF TREATMENT SCHEDULES FOR CANCER CHEMOTHERAPY. PART II,
UCRL-14505 6E U 41 08 HC$ 2.00 MF$ 0.50

STUCKEY, M. M.
NUMERICAL DETERMINATION OF SPHEROIDAL WAVE FUNCTION EIGENVALUES AND EXPANSION COEFFICIENTS,
AD-628 760 12A T 66 07 HC$ 5.00 MF$ 1.00

STYAN, G. E.
ADDITION OF FLUOROACETYLENES TO GROUP V HYDRIDES,
AD-628 474 7C T 66 07

ST, CARL C.
FREQUENCY-RESPONSE ANALYSIS OF STEAM VOIDS TO SINUSOIDAL POWER MODULATION IN A THIN-WALLED BOILING WATER COOLANT CHANNEL.
ANL-7041 20M U 41 08 HC$ 5.00 MF$ 1.00

ST, ROBERT M.
COLLISIONAL TRANSFER OF EXCITATION ENERGY IN HELIUM,
AD-628 229 7D T 66 07

SUDAR, S.
SNAP 10A, EXPANSION COMPENSATOR,
NAA-SR-9778 18N U 41 07 HC$ 3.00 MF$ 0.75

SUESS, R. P.
EQUILIBRIUM, ADIABATIC WALL, AND STAGNATION TEMPERATURES AT ALTITUDES UP TO 100,000 FEET AND MACH NUMBERS UP TO 20.
AD-462 332 1A U 41 07 HC$ 9.60

SUGIURA, M.
AURORAL ELECTROJET ACTIVITY INDEX AE AND ITS UNIVERSAL TIME VARIATIONS,
N66-11206 9A U 41 08 HC$ 3.00 MF$ 0.50

SUHL, H.
PARAMAGNETIC IMPURITIES IN METALS AT FINITE TEMPERATURES,
AD-629 174 20L T 66 08

SUMMERFIELD, MARTIN
IGNITION OF AN EVAPORATING FUEL IN A HOT OXIDIZING GAS, INCLUDING THE EFFECT OF HEAT FEEDBACK.
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50

RESEARCH ON SOLID PROPELLANT COMBUSTION INSTABILITY.
AD-629 585 21I T 66 08 HC$ 3.60 MF$ 0.50

SUNDARARAJAN, V.
GEM RESEARCH AT THE UNIVERSITY OF KANSAS.
AD-629 725 1C T 66 08 HC$ 3.00 MF$ 0.75

SUPOV, S. V.
TRANSISTORS AND SEMICONDUCTOR DIODES,
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00

SUPRUN, L. A.
MODEL TESTS OF ELECTROCHEMICAL PROTECTION AGAINST CORROSION OF SHIPS' HULLS AND DETERMINATION OF EFFECT OF PROPELLERS ON THE CONDITIONS OF FUNCTIONING OF THIS PROTECTION,
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50

AN INVESTIGATION OF COATINGS USED AS ANODE SCREENS IN CATHODIC PROTECTION (ISSLEDOVANIYE POKRYTIY DLYA PRIMENENIYA IKH V KACHESTVYE OKOLOANODYNKH EKRANOV PRI KATODNOY ZASHCHITYE),
AD-628 196 11C T 66 07

SURKOV, V. D.
A CONFERENCE ON SUBLIMATION DRYING OF FOOD PRODUCTS,
AD-628 429 6H T 66 07 HC$ 1.00 MF$ 0.50

SUSLOWITZ, ROBERT J.
PROCEEDINGS OF THE NMSE SYSTEMS PERFORMANCE EFFECTIVENESS CONFERENCE, CIVIL SERVICE COMMISSION AUDITORIUM, WASHINGTON, D. C., 27-28 APRIL 1965,
AD-629 145 15E T 66 08 HC$24.60 MF$ 1.25

SUTHERLAND, L. C.
THE EFFECTS UPON SHOCK MEASUREMENTS OF LIMITED FREQUENCY RESPONSE INSTRUMENTATION,
N66-12191 14B U 41 08 HC$ 2.00 MF$ 0.50

SUTTEN, ADRIAN P.
APPARATUS FOR HIGH-VELOCITY RECOVERY.
PATENT 3,221,656 16C U 41 07

SUTTON, C. R.
INSPECTION, EVALUATION, AND OPERATION OF THE EPWR REACTOR VESSEL,

ANL-7117 18I U 41 08 HC$ 3.00 MF$ 0.75

SUTTON, LAWRENCE R.
A THEORY FOR PREDICTING THE ROTATIONAL NOISE OF LIFTING ROTORS IN FORWARD FLIGHT, INCLUDING A COMPARISON WITH EXPERIMENT.
AD-629 646 20A T 66 08 HC$11.60 MF$ 0.75

SU, SERGIO S.
THE USE OF LEAKING MODES IN SEISMOGRAM INTERPRETATION AND IN STUDIES OF CRUSTMANTLE STRUCTURE.
AD-628 458 8K T 66 07

SWAFFORD, JACK H.
APPLICATION OF PUNCHED CARD TECHNIQUES FOR OPTIMIZING RELIABILITY.
BDX-613-1 9B U 41 07 HC$ 1.00 MF$ 0.50

SWANLUND, G. D.
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS.
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

SWANN, C. P.
LIFETIME OF THE 6.880-MEV LEVEL OF SI28.
AD-628 879 20H T 66 07

PROPERTIES OF THE STATE IN P31 AT 7.14 MEV.
AD-628 882 20H T 66 07

SWAROOP, B.
THERMODYNAMIC AND ELECTROCHEMICAL PROPERTIES OF ZIRCONIUM CHLORIDES IN ALKALI CHLORIDE MELTS.
AD-628 251 7D T 66 07

SWARTZ, J. H.
DEVELOPMENT OF A HIGH-SENSITIVITY FAST NEUTRON DOSIMETER.
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50

SWIDER, WILLIAN
A STUDY OF THE NIGHTTIME IONOSPHERE AND ITS REACTION RATES.
AD-628 767 4A T 66 07

SWIGERT, PAUL
SATISFACTION OF ASYMPTOTIC BOUNDARY CONDITIONS IN NUMERICAL SOLUTION OF SYSTEMS OF NONLINEAR EQUATIONS OF BOUNDARY-LAYER TYPE.
N65-35951 12A U 41 07 HC$ 2.00 MF$ 0.50

SWINNERTON, J. W.
STATISTICAL EVALUATION OF GAS CHROMATOGRAPHY FOR THE DETERMINATION OF DISSOLVED GASES IN SEA WATER.
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50

SWORDER AND MASANAO, DAVID D.
ON CONTROL SYSTEM EQUIVALENTS OF SOME DECISION THEORETIC THEOREMS.
AD-628 265 12B T 66 07

SYMONS, M. C. R.
EFFECT OF ADDED ELECTROLYTE ON THE ELECTRON SPIN RESONANCE SPECTRA OF SOLUTIONS OF METALS IN AMMONIA.
AD-629 208 7D T 66 08

SZELL, T.
CO-CATALYSIS IN FRIEDEL CRAFTS REACTIONS. PART IX. POLYMERISATION OF PROPENE BY BORON FLUORIDE-METHANOL.
AD-629 751 7C T 66 08

SZUCH, J. R.
INVESTIGATION OF THE STARTING CHARACTERISTIC OF THE M-1 ROCKET ENGINE USING THE ANALOG COMPUTER.
N66-12146 21H U 41 08 HC$ 2.00 MF$ 0.50

SZWARC, M.
THE CHEMISTRY OF THE RADICAL ANION OF TETRAPHENYLETHYLENE.
AD-628 622 7C T 66 07

TAAGHOLT, J.
OBSERVATIONS OF WHISTLERS AND VLF EMISSIONS AT GODHAVN AND NARSSARSSUAQ, GREENLAND AND AT TROMSO, NORWAY IN 1963.
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75

TABOADA, A.
SNAP-8 CORROSION PROGRAM SUMMARY REPORT.
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25

TAIBLESON, MITCHELL H.
A NOTE ON INDEFINITE INTEGRALS.
AD-628 090 12A T 66 07

TAKAHASHI, S.
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE.
AD-628 862 7D T 66 07

TAKAYAMA, KAZUO
NEGATIVE CONDUCTIVITY IN PARTIALLY IONIZED GASES.
PB-169 191 20I U 41 08 HC$ 1.00 MF$ 0.50

TAKEUCHI, H.
PARTIAL DERIVATIVES OF SURFACE WAVE PHASE VELOCITY WITH RESPECT TO PHYSICAL PARAMETER CHANGES WITHIN THE EARTH.
AD-629 532 8K T 66 08

TALENTINOW, J.
ENGINEERING SERVICES IN CONNECTION WITH TEST OF EXISTING OPEN AND CLOSED TYPE GUY INSULATORS AND A FEASIBILITY STUDY OF IMPROVED DESIGNS FOR HIGH STRENGTH ALUMOWELD CABLES.
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50

TALLAN, NORMAN M.
DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF SOME REFRACTORY METAL OXIDES.
AD-629 490 11B T 66 08

TALWAR, S. P.
VOLUME AND SURFACE INSTABILITY IN SLIDING PLASMAS.
N66-13016 20I U 41 07 HC$ 1.00 MF$ 0.50

TAMURA, TARO
FORTRAN PROGRAMS FOR THE CLEBSCH-GORDAN AND RACAH COEFFICIENTS AND THE NINE-J SYMBOL.
ORNL-3877 9B U 41 07 HC$ 1.00 MF$ 0.50

TANAKA, MASATOSHI
ION CYCLOTRON RESONANCE HEATING OF AN INHOMOGENEOUS PLASMA COLUMN.
PB-169 192 20I U 41 08 HC$ 2.00 MF$ 0.50

TANAKA, SHIGETOSHI
COLLISION-INDUCED INSTABILITY IN A MAGNETOACTIVE PLASMA.
PB-169 188 20I U 41 07 HC$ 2.00 MF$ 0.50

NEGATIVE CONDUCTIVITY IN PARTIALLY IONIZED GASES.
PB-169 191 20I U 41 08 HC$ 1.00 MF$ 0.50

TANAKA, TOMOYASU
APPLICATION OF THE METHOD OF THE TWO-TIME GREEN'S FUNCTION TO THE HEISENBERG FERROMAGNET. II.
AD-628 400 20C T 66 07

EFFECT OF N-SPIN-WAVE INTERACTION ON THE LOW-TEMPERATURE SPONTANEOUS MAGNETIZATION.
AD-629 080 20C T 66 08

STATISTICAL MECHANICS OF AN ASSEMBLY OF QUASIPARTICLES.
AD-629 616 20J T 66 08

TANAKA, Y.
RARE GAS CONTINUUM LIGHT SOURCES FOR PHOTOELECTRIC SCANNING IN THE VACUUM ULTRAVIOLET.
AD-629 710 20F T 66 08

TANIUTI, TOSIYA
NON-LINEAR MOTION OF TWO ION STREAMS IN A BACKGROUND OF HIGH TEMPERATURE ELECTRONS.
PB-169 190 20I U 41 08 HC$ 2.00 MF$ 0.50

TANNHAUSER, D. S.
ELECTRICAL PROPERTIES OF TRANSITION METAL OXIDES UP TO 1800C.
AD-628 321 20L T 66 07 HC$ 3.00 MF$ 0.75

TAO, S. J.
A THIRD POSITRON LIFETIME IN SOLID POLYMERS.
AD-629 086 7E T 66 08

TARANTINE, FRANK J.
UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART V. FLUID PRESSURE TRANSIENTS IN A TAPERED LINE.
AD-628 630 8D T 66 07 HC$ 4.00 MF$ 1.00

TARDIF, H. P.
THE HEAT-TREATABILITY AND PROPERTIES OF URANIUM ALLOYS.
AD-628 155 11F T 66 07

TARHOV, S.
587 - KVA 24,000-RPM ALTERNATOR. PART NO. 546136-1-1.
AD-629 562 10B T 66 08 HC$ 4.60 MF$ 0.50

TATOM, F. B.
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM.
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

TAVLA, MARIA
INTERACTION BETWEEN CHLOROPHYLL AND HYDROQUINONE.
AD-628 905 6A T 66 08

TAYLOR, C. E.
DYNAMIC STRESS CONCENTRATION USING PHOTOELASTICITY AND A LASER LIGHT SOURCE.
PB-169 142 20K U 41 07 HC$ 1.00 MF$ 0.50

TAYLOR, DEAN R.
CHANGES IN BLOOD COAGULABILITY IN DOGS FOLLOWING FLASH BURNS.
AD-628 123. 6E T 66 07

TAYLOR, EDWARD
EVALUATION OF METALLIC MATERIALS EXPOSED TO THE DEEP OCEAN ENVIRONMENT AT 5640 FEET FOR 123 DAYS.
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75

TAYLOR, H. A.
NITRIC OXIDE PHOTOLYSIS.
N66-11750 7D U 41 08 HC$ 1.00 MF$ 0.50

TAYLOR, H. P.
MOLECULAR ATMOSPHERIC OXYGEN HORIZON STUDY RADIOMETRIC MEASUREMENT INSTRUMENT.
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75

TAYLOR, JOHN
LITERATURE SURVEY PERTAINING TO ELECTRICALLY SMALL ANTENNAS, PROPAGATION THROUGH VEGETATION, AND RELATED TOPICS.
AD-629 155 9E T 66 08 HC$ 6.00 MF$ 1.50

TAYLOR, JOSEPH L.
THE SHILOV BOUNDARY OF THE ALGEBRA OF MEASURES ON A GROUP.

AD-628 094 12A T 66 07

THE STRUCTURE OF CONVOLUTION MEASURE ALGEBRAS.
AD-628 103 12A T 66 07

TAYLOR, MERLIN GENE
ELASTIC SCATTERING OF NEGATIVE PIONS BY PROTONS AT 903 MEV.
NYO-2262-86 20H U 41 07 HC$ 3.00 MF$ 0.75

TAYLOR, S.
ON THE ANALYSIS OF K AND ETA INTO PI DECAY SPECTRA.
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50

TEAGUE, R. K.
REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE.
AD-629 252 7D T 66 08

TEAGUE, W. F.
GEM RESEARCH AT THE UNIVERSITY OF KANSAS.
AD-629 725 1C T 66 08 HC$ 3.00 MF$ 0.75

TEANEY, DALE T.
SPECIFIC-HEAT SINGULARITY IN MNF2.
AD-628 728 20L T 66 07

TEMKIN, A.
AUTOIONIZATION STATES OF H(-) BELOW THE N=2 LEVEL OF H.
AD-628 239 7D T 66 07

TENGSTROM, ERIK
RESEARCH ON METHODS OF DETERMINING LEVEL SURFACES OF THE EARTH'S GRAVITY FIELD.
AD-628 797 8E T 66 07 HC$ 2.60 MF$ 0.50

TEPPER, F.
STRAIN-ENHANCED DIFFUSION OF CARBON IN STAINLESS STEEL.
MSAR-65-89 11F U 41 07 HC$ 1.00 MF$ 0.50

TEREKHOVA, K. S.
DYNAMIC BALANCING OF ROTORS OF GYROSCOPIC SYSTEMS.
AD-628 504 17G T 66 07 HC$29.70 MF$ 1.50

TERLO, G. YA.
PROTECTION OF STEEL AND LIGHT ALLOYS WITH POLYVINYL BUTYRAL PHOSPHATIZING PRIMERS VL-023.
AD-628 185 11C T 66 07 HC$ 1.00 MF$ 0.50

TERRY, JAMES M.
SEASONAL VARIATIONS IN HUMAN PAROTID FLUID FLOW RATE IN A SUBTROPICAL CLIMATE.
AD-629 730 6P T 66 08 HC$ 1.00 MF$ 0.50

TERRY, PETER L.
60-WATT HYDRAZINE-AIR FUEL CELL SYSTEM.
AD-629 220 10B T 66 08 HC$ 5.60 MF$ 0.50

TESSLER, MARTIN M.
THEORETICAL STUDIES ON THE DEGRADATION OF LADDER POLYMERS. PART II. VAPORIZATION STUDIES.
AD-629 740 7C T 66 08 HC$ 5.60 MF$ 0.75

TESTERMAN, M. K.
INVESTIGATION OF LASER PROPERTIES RELEVANT TO THE MEASUREMENT OF DIFFERENT PHYSICAL PARAMETERS.
N66-12860 20E U 41 08 HC$ 3.00 MF$ 0.75

TESTER, CHARLES E.
CATALOG OF NUCLEAR REACTOR CONCEPTS. PART I. HOMOGENEOUS AND QUASI-HOMOGENEOUS REACTORS. SECTION III. REACTORS FUELED WITH MOLTEN-SALT SOLUTIONS.
ANL-7092 21F U 41 08 HC$ 3.00 MF$ 0.75

THAN, NGUYEN LUONG
RESOLUTION DE L'EQUATION DE DIFFUSION (DEUX DIMENSIONS, PLUSIEURS REGIONS, CONTOURS QUELCONQUES) (SOLUTION OF THE DIFFUSION EQUATION (2 DIMENSIONS, SEVERAL MEDIA, ARBITRARY BOUNDARY)).
PB-169 225 18K U 41 08 HC$ 4.00 MF$ 0.75

THAYER, J. D.
THAYER-MARTIN SELECTIVE MEDIUM FOR THE CULTIVATION OF NEISSERIA MENINGITIDIS FROM THE NASOPHARYNX.
AD-628 126 6M T 66 07

THIND, INDERJIT S.
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE.
AD-628 619 6E T 66 07

THOENES, JURGEN
INVISCID HIGH TEMPERATURE HYPERSONIC FLOW OF AIR PAST POINTED BODIES OF REVOLUTION.
AD-467 786 20D U 41 08 HC$ 2.00 MF$ 0.50

THOMAS, ANTHONY A.
LOW AMBIENT PRESSURE ENVIRONMENTS AND TOXICITY. A NEW APPROACH TO SPACE CABIN TOXICOLOGY.
AD-628 566 6K T 66 07

THOMAS, DONALD W.
COLOR CODING IN FORMATTED DISPLAYS.
AD-628 624 5J T 66 07

THOMAS, RENE
GENETIC REPLICATION AND MACROMOLECULAR SYNTHESIS IN TEMPERATE BACTERIOPHAGES.
AD-628 325 6M T 66 07 HC$ 1.60 MF$ 0.50

THOMAS, R. G.
SELECTIVE SUMMARY OF STUDIES ON THE FISSION PRODUCT INHALATION PROGRAM.
LF-28 18G U 41 08 HC$ 3.50 MF$ 1.50

THOME, GEORGE D.
INCOHERENT SCATTER OBSERVATIONS OF TRAVELING IONOSPHERIC DISTURBANCES.
AD-628 272 4A T 66 07

THOMPSEN, J.
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART I. MECHANISM OF DRAG REDUCTION.
AD-628 685 20D T 66 07 HC$ 3.00 MF$ 0.75

FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART II. EQUIPMENT FOR DETERMINING FLOW BEHAVIOR.
AD-628 686 20D T 66 07 HC$ 2.00 MF$ 0.50

THOMPSON, A. R.
OBSERVATIONS OF THE SIX MOST INTENSE RADIO SOURCES WITH A 1.0° FAN BEAM.
AD-629 366 3B T 66 08

THOMPSON, COLIN J.
ALGEBRAIC DERIVATION OF THE PARTITION FUNCTION OF A TWO-DIMENSIONAL ISING MODEL.
AD-629 176 12A T 66 08

THOMPSON, C. C.
SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES.
AD-629 552 7B T 66 08

SOLVENT EFFECTS ON CHARGE-TRANSFER COMPLEXES. II. COMPLEXES OF 1,3,5- TRINITROBENZENE WITH BENZENE, MESITYLENE, DURENE, PENTAMETHYLBENZENE, OR HEXAMETHYLBENZENE.
AD-629 553 7C T 66 08

THOMPSON, C. J.
ENERGY GAP IN A CUBICAL MODEL FOR NUCLEI.
AD-628 436 20H T 66 07

THOMPSON, G. L.
CONSTRAINED GENERALIZED MEDIANS AND HYPERMEDIANS AS DETERMINISTIC EQUIVALENTS FOR TWO-STAGE LINEAR PROGRAMS UNDER UNCERTAINTY.
AD-628 574 12B T 66 07

THOMPSON, P. O.
MARINE BIOLOGICAL SOUND WEST OF SAN CLEMENTE ISLAND. DIURNAL DISTRIBUTIONS AND EFFECTS ON AMBIENT NOISE LEVEL DURING JULY 1963.
AD-467 351 20A U 41 07 HC$ 2.00 MF$ 0.50

THOMPSON, ROBERT M.
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES.
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

THOMPSON, SAMUEL W.
HISTOPATHOLOGY OF MICE FED IRRADIATED FOODS.
AD-629 418 6E T 66 08

THORLEY, G. A.
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA.
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

THURSTON, G. B.
SHEAR WAVE PROPAGATION IN BIREFRINGENT VISCOELASTIC LIQUIDS OF LOW RIGIDITY AND LOW VISCOSITY.
AD-629 179 20K T 66 08 HC$ 2.00 MF$ 0.50

THURSTON, M. O.
DEVELOPMENT OF A HIGH-SENSITIVITY FAST NEUTRON DOSIMETER.
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50

TICKNER, E. GLENN
LAMINAR FLOW REGIMES FOR RIGID-SPHERE SUSPENSIONS.
AD-629 312 20D T 66 08 HC$ 3.00 MF$ 0.75

TIDMAN, D. A.
DAMPING OF INTERSTELLAR PLASMA WAVES BY THE COSMIC RAY GAS.
N66-11225 20H U 41 08 HC$ 1.00 MF$ 0.50

TIEDEMANN, J. B.
GEM RESEARCH AT THE UNIVERSITY OF KANSAS.
AD-629 725 1C T 66 08 HC$ 3.00 MF$ 0.75

TIEN, CHI
A THEORETICAL INVESTIGATION ON THE EFFECT OF MELTING ON FORCED CONVECTION HEAT TRANSFER.
AD-629 066 20M T 66 08 HC$ 1.60 MF$ 0.50

TIGGELEN, A. VAN
THEORETICAL AND EXPERIMENTAL STUDY OF REACTION KINETICS IN FLAMES.
AD-628 144 21B T 66 07 HC$ 1.60 MF$ 0.50

AN EMPIRICAL METHOD FOR THE ESTIMATION OF BOND DISSOCIATION ENERGIES.
AD-629 027 7D T 66 08

TILL, J. E.
HOST-CELL INTERACTIONS IN MICE BEARING ISOLOGOUS HEMOPOIETIC GRAFTS (LA GREFFE DES CELLULES HEMATOPOIETIQUES ALLOGENIQUES).
AD-628 462 6P T 66 07

TING, CHIA-LUAN
REFRACTOMETER RESPONSE TO A HUMID ENVIRONMENT.
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75

TINHOFER, G.
BEARING TECHNIQUE IN THE NEAR FIELD OF A MAGNETIC TRANSMITTING DIPOLE IN THE VLF REGION.
AD-628 771 20N T 66 07 HC$ 1.60 MF$ 0.50

TISZA, LASZLO
EQUATION OF STATE OF 4HE IN THE CRITICAL REGION.
AD-629 186 20M T 66 08

TOBA, YOSHIAKI
TECHNICAL NOTE NO. 32.
AD-628 598 4B T 66 07

TOIDA, SHUNICHI
NECESSARY AND SUFFICIENT CONDITIONS FOR REALIZABILITY OF GIVEN SWITCHING FUNCTIONS.
AD-628 113 9E T 66 07 HC$ 2.60 MF$ 0.50

TOKSOZ, M. NAFI
CRUSTAL STRUCTURE IN EAST ANTARCTICA FROM SURFACE WAVE DISPERSION.
AD-628 463 8G T 66 07

TOLBERT, BERT M.
ASCORBIC ACID, BIOLOGICAL FUNCTION AND CHEMISTRY.
AD-466 647 6A U 41 08 HC$ 1.00 MF$ 0.50

TOMLINSON, HELEN
CLASSIFICATION OF INFORMATION TOPICS BY CLUSTERING INTEREST PROFILES.
AD-628 597 5I T 66 07 HC$ 1.60 MF$ 0.50

TOMLINSON, HUGH T.
EFFECTS OF TOPOGRAPHY AND REFRACTIVE INDEX ON LOW-ANGLE 3 CM RADIO WAVES.
AD-629 226 20N T 66 08 HC$11.60 MF$ 0.75

TONGIORGI, P.
RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. III. ELECTRORETINOGRAPHIC RESPONSES TO POLARIZED LIGHT.
AD-628 376 6C T 66 07

TOPPEL, B. J.
THE ARGONNE-REVISED THERMOS CODE.
ANL-7023 9B U 41 08 HC$ 4.00 MF$ 0.75

TOREN, N.
ROLE BEHAVIOUR AND SOCIAL STRUCTURE.
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75

TORREY, S. E.
IDEEA NETWORK IMPLEMENTATION, FISCAL YEAR 1965.
AD-629 225 5B T 66 08 HC$ 2.00 MF$ 0.50

TOTH, J. L.
THE NRL CYCLOTRON PROGRAM, REPORT OF PROGRESS, SEPTEMBER 1, 1965.
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50

TOUGH, J. T.
EFFECTS OF TURBULENCE IN HE II THERMAL COUNTERFLOW.
AD-629 533 20D T 66 08

TOWLE, W. L.
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT.
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

TOWNE, M. K.
PRODUCTION ENGINEERING MEASURE FOR RUBY LASER RODS.
AD-629 170 20E T 66 08 HC$ 1.60 MF$ 0.50

TOWNSEND, J.
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

TRAMMELL, ROBERT D.
STUDY OF RECEIVER MIXER CHARACTERISTICS.
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50

TREIMAN, SAMUEL B.
RF BREAKDOWN NEAR A CONICAL RE-ENTRY BODY.
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50

TRETTER, S. A.
ADAPTIVE SIGNAL RECONSTRUCTION.
AD-629 409 9D T 66 08

TREWHELLA, R. M.
PRODUCTION ENGINEERING MEASURE FOR IMPROVED RELIABILITY OF HERMETICALLY SEALED TANTALUM FOIL CAPACITORS.
AD-629 385 9A T 66 08 HC$ 1.00 MF$ 0.50

TRIANDIS, HARRY C.
SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

TROLAN, J. K.
DEVELOPMENT OF AN ULTRAFAST MODERATE ENERGY PULSE POWER SYSTEM.
AD-628 506 10B T 66 07 HC$30.70 MF$ 1.50

TROLLMAN, JOHN E.
ANTENNA STUDY FOR COVERT APPLICATIONS.
AD-629 148 9E T 66 08 HC$ 3.00 MF$ 0.75

TRONVOLD, J. S.
WEATHER AND LOAD PATTERN CORRELATION STUDY TO DEVELOP A METHOD OF SHORT-RANGE LOAD FORECASTING BASED ON WEATHER AND LOAD DATA.
PB-169 380 9C U 41 08 HC$ 3.00 MF$ 0.75

TRUEBLOOD, KENNETH N.
THE CRYSTAL AND MOLECULAR STRUCTURE OF 7,7,8,8-TETRACYANOQUINODIMETHANE.
AD-629 698 20B T 66 08

TRUELL, ROHN
QUARTERLY REPORT.
AD-628 190 20L T 66 07 HC$ 1.10 MF$ 0.50

TRULIO, JOHN G.
DEVELOPMENT OF AN AUTOMATIC DEVICE FOR SOLVING CONTINUUM MECHANICS PROBLEMS.
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25

TRUMBO, DON
TASK PREDICTABILITY IN THE ORGANIZATION, ACQUISITION, AND RETENTION OF TRACKING SKILL.
AD-629 566 5J T 66 08

TRUMP, BENJAMIN F.
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE.
AD-628 263 6A T 66 07

TRYTTEN, G.
A PHOSPHOR-BELT DISPLAY SYSTEM FOR PROVIDING AN ENDLESS RASTER LINE SCAN.
AD-265 898 17B U 41 08 HC$ 1.00

TSCHECHTELIN, LEO
MODERN GAGE CONTROL.
BOX-613-39 14B U 41 08 HC$ 2.00 MF$ 0.50

TUAN, D. F.
IMPROVEMENT OF UNCOUPLED HARTREE-FOCK EXPECTATION VALUES FOR PHYSICAL PROPERTIES.
N66-11749 20J U 41 08 HC$ 1.00 MF$ 0.50

TUCKER, W. E.
ANGULAR DISTRIBUTION OF GAMMA-RAYS PRODUCED BY FAST NEUTRON INELASTIC SCATTERING IN FE.
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50

TUKEY, JOHN W.
A TAGGING SYSTEM FOR JOURNAL ARTICLES AND OTHER CITABLE ITEMS: A STATUS REPORT.
PB-169 211 5B U 41 07 HC$ 6.00 MF$ 1.50

TULCEA, C. IONESCU
ON THE LIFTING PROPERTY AND DISINTEGRATION OF MEASURES.
AD-628 620 12A T 66 07

TUNG-HSIANG HUANG, JEANETTE
PRELIMINARY REPORT ON ABNORMAL HEMOGLOBINS IN FILIPINOS.
AD-628 152 6E T 66 07

TUNG, DAVID H. H.
ARECIBO RADAR-RADIO TELESCOPE-DESIGN AND CONSTRUCTION.
AD-629 468 9E T 66 08

TUNNELL, PHILLIPS J.
A GUIDANCE SCHEME FOR LUNAR DESCENT BASED ON LINEAR PERTURBATION THEORY.
N66-13229 22C U 41 07 HC$ 2.00 MF$ 0.50

TUPCHIEV, V. A.
AN ASYMPTOTE SOLUTION TO THE PROBLEM OF DETERMINING THE TEMPERATURE OF GAS TURBINE BLADES.
AD-629 227 21E T 66 08 HC$ 1.00 MF$ 0.50

TUPES, ERNEST C.
A METHOD FOR ESTABLISHING USAF RECRUITING SERVICE GROUP ENLISTMENT OBJECTIVES BASED ON APTITUDE AND INTEREST CHARACTERISTICS.
AD-629 574 5I T 66 08 HC$ 2.60 MF$ 0.50

TUPIKOV, V. I.
INVESTIGATION OF THE ROLE OF FREE RADICALS IN THE ACETALDEHYDE POLYMERIZATION PROCESS IN THE SOLID PHASE UNDER GAMMA-IRRADIATION.
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50

TURNBOW, J. W.
HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00

IMPACT TEST METHODS FOR HELMETS. SUPPLEMENT I TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 679 6Q T 66 07 HC$ 1.00 MF$ 0.50

TEST RESULTS - HEMISPHERICAL SPECIMENS. SUPPLEMENT II TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 680 6Q T 66 07 HC$ 1.00 MF$ 0.50

TURNER, H. EDWARD
REFRACTOMETER RESPONSE TO A HUMID ENVIRONMENT.
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75

TURNER, J. H.
ON THE BOUND STATES OF AN ELECTRON IN THE FIELD OF A PERMANENT ELECTRIC DIPOLE.
ORNL-3895 20H U 41 08 HC$ 3.00 MF$ 0.50

TURNER, J. M.
TWO-PHASE FLOW AND BOILING HEAT TRANSFER.
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50

TURNER, RICHARD F.
CERAMIC-MATRIX-TYPE FUEL ELEMENT WITH GRAPHITE FABRIC AFFIXED TO EXTERIOR SURFACE.
PATENT 3,224,944 18J U 41 08

TURNER, R. E.
HOPI-DART AND CAJUN-DART ROCKET WIND MEASURING SYSTEMS,
N66-11197 4A U 41 08 HC$ 1.00 MF$ 0.50

TURPIN, LARRY M.
CODED CIRCUIT ANALYSIS. VOL. I. INSTRUCTION MANUAL FOR DC-AC APPLICATIONS.
AD-628 110 9E T 66 07 HC$ 4.00 MF$ 0.75

TURTLE, J. P.
NIGHTGLOW 5577 A (OI) LIKE KINETIC TEMPERATURES.
AD-628 799 4A T 66 07

TU, K. N.
A STUDY OF THE MECHANICAL PROPERTIES OF HIGH-COBALT CEMENTED TUNGSTEN CARBIDES,
NYO-2394-12 11F U 41 07 HC$ 1.00 MF$ 0.50

TWOMEY, WILLIAM
A FLIGHT AND WIND TUNNEL INVESTIGATION OF THE EFFECT OF ANGLE-OF-ATTACK RATE ON MAXIMUM LIFT COEFFICIENT,
N65-35827 1A U 41 07 HC$ 3.00 MF$ 0.50

TYLER, G. L.
THE BISTATIC CONTINUOUS-WAVE RADAR METHOD FOR THE STUDY OF PLANETARY SURFACES.
N66-12967 3B U 41 08 HC$ 1.00 MF$ 0.50

UENO, S.
NUMERICAL RESULTS FOR THE ESTIMATION OF SOURCE DISTRIBUTIONS FROM EXTERNAL RADIATION FIELD MEASUREMENTS,
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50

UHER , RICHARD A.
STRUCTURE EFFECTS IN THE CHARGE RADIUS OF SPHERICAL NUCLEI.
AD-628 119 20H T 66 07 HC$ 4.00 MF$ 0.75

UHLENBECK, G. E.
ON THE TRANSPORT PHENOMENA IN RARIFIED GASES,
AD-629 213 20D T 66 08 HC$ 2.60 MF$ 0.50

ULRICH, LYNN
TASK PREDICTABILITY IN THE ORGANIZATION, ACQUISITION, AND RETENTION OF TRACKING SKILL,
AD-629 566 5J T 66 08

ULWICK, J. C.
RF PROBE TECHNIQUES FOR IONOSPHERIC MEASUREMENTS.
AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50

EFFECTS OF ROCKET OUTGASSING ON RF EXPERIMENTS.
AD-629 120 20I T 66 08

UNDERWOOD, BENTON J.
STUDIES OF CODING IN VERBAL LEARNING,
AD-628 226 5J T 66 07

AN ANALYSIS OF INTRALIST SIMILARITY IN VERBAL LEARNING WITH EXPERIMENTS ON CONCEPTUAL SIMILARITY,
AD-628 638 5J T 66 07

SIMULATED SIMILARITY AND MEDIATION TIME IN TRANSFER,
AD-628 639 5J T 66 07

FALSE RECOGNITION PRODUCED BY IMPLICIT VERBAL RESPONSES,
AD-628 640 5J T 66 07

FREE LEARNING AND RECALL AS A FUNCTION OF UNIT-SEQUENCE AND LETTER-SEQUENCE INTERFERENCE,
AD-628 641 5J T 66 07

UNDERWOOD, W. C.
THE PERFORMANCE OF SIO SOURCE (NAFI IF-1008) IN SINGLE-CHAMBER VACUUM SYSTEMS.
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50

UNGSTRUP, E.
OBSERVATIONS OF WHISTLERS AND VLF EMISSIONS AT GODHAVN AND NARSSARSSUAQ, GREENLAND AND AT TROMSO, NORWAY IN 1963.
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75

UNTEREINER, GERALD L.
SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES,
AD-629 492 7C T 66 08

URA, TARO
ON THE FLOW OUTSIDE A CLOSED INVARIANT SET: STABILITY, RELATIVE STABILITY AND SADDLE SETS,
AD-629 272 12A T 66 08

URBANO, ROCCO H.
MATRIX CRITERIA FOR ARBITRARY RELIABILITY IN ITERATED NEURAL NETS.
AD-628 909 9B T 66 08

URBAN, V. M.
ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00

UTTERBACK, NYLE G.
EFFECTS OF ION BEAM EXCITATION ON CHARGE TRANSFER CROSS SECTION MEASUREMENTS,
N65-17280 20H U 41 07 HC$ 1.00 MF$ 0.50

UYEDA, ROY T.
FORMATION OF A CYCLOPROPANE RING FROM AN ALPHA, BETA-UNSATURATED CARBOXYLIC ACID,
AD-628 402 7C T 66 07

ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XXII. INTRAMOLECULAR HYDROGEN TRANSFER REACTIONS IN BASE-CATALYZED ALLYLIC REARRANGEMENTS,
AD-629 639 7C T 66 08

UYENO, EDWARD
CHRONIC ELECTROSHOCK: EFFECTS ON BRAIN WEIGHT, BRAIN CHEMISTRY, AND BEHAVIOR,
AD-628 243 5J T 66 07

VACQUIER, V.
TRANSCURRENT FAULTING IN THE OCEAN FLOOR,
AD-629 142 8J T 66 08

VAIL, SIDNEY L.
BISCARBAMATE-FORMALDEHYDE ADDUCTS.
PATENT 3,226,428 11F U 41 08

VALADEZ, FREDERICK
THE CATALOG INPUT/OUTPUT SYSTEM,
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75

VALLENTINE, H. R.
EFFECT OF IMPELLER DESIGN CHANGES ON CHARACTERISTICS OF A MODEL DREDGE PUMP.
AD-629 012 13K T 66 08 HC$22.00 MF$ 1.25

VALLERIE, L. L.
APPARENT MOVEMENT PHENOMENA ON CRT DISPLAYS - THRESHOLD DETERMINATIONS OF APPARENT MOVEMENTS OF PULSED LIGHT SOURCES,
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50

VAN BRUGGEN, E. F. J.
REASSOCIATION OF HEMOCYANINS FROM SUBUNIT MIXTURES,
N66-11669 6A U 41 08 HC$ 1.00 MF$ 0.50

MACROMOLECULAR ORGANIZATION OF HEMO- CYANINS AND APOHEMOCYANINS AS REVEALED BY ELECTRON MICROSCOPY,
N66-11770 6A U 41 08 HC$ 3.00 MF$ 0.75

VAN DER KERK, G. J. M.
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

VAN ELST, H. C.
THE DEVELOPMENT OF A NEW DETERMINATION OF THE DUTILE-BRITTLE TRANSITION TEMPERATURE.
EURAEC-1217 11F U 41 07 HC$ 2.00 MF$ 0.50

VAN LINT, V. A. J.
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10638 10A U 41 08 HC$ 1.00 MF$ 0.50

N66-10645 10A U 41 08 HC$ 1.00 MF$ 0.50

N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50

VAN RIPER, D. C.
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

VAN SANDT, D. R.
DETECTION OF DISTANT EXPLOSIONS BY SEISMIC MEASUREMENTS IN DEEP BOREHOLES.
AD-287 161 8K U 41 07 HC$ 3.00

VAN SCHMUS, RANDALL
THE GEOCHRONOLOGY OF THE BLIND RIVER-BRUCE MINES AREA ONTARIO, CANADA.
AD-629 113 8G T 66 08

VAN SCHMUS, W. RANDALL
MERRIHUEITE, A NEW ALKALI-FERROMAGNESIAN SILICATE FROM THE MEZO-MADARAS CHONDRITE,
AD-628 913 8G T 66 08

VAN THYNE, RAY J.
OXIDATION PROTECTION OF BERYLLIUM AT HIGH TEMPERATURES,
CONF-729-4 11F U 41 07 HC$ 2.00 MF$ 0.50

VANCE, D.
EFFECTS OF ELECTRON BOMBARDMENT ON THE OPTICAL PROPERTIES OF SPACECRAFT TEMPERATURE CONTROL COATINGS.
AD-628 615 22B T 66 07

VANDERSLICE, JOSEPH T.
VALIDITY OF THE JARMAIN-SANDEMAN SERIES FOR CALCULATING POTENTIAL CURVES OF DIATOMIC MOLECULES,
AD-628 660 7D T 66 07

VARMA, RAVI
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE.
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

VASILOS, T.
DIFFUSION STUDIES IN REFRACTORY MATERIALS.
AD-628 610 11B T 66 07 HC$ 1.60 MF$ 0.50

GRAIN BOUNDARY DIFFUSION IN MGO: ORIGIN OF THE EFFECT,
AD-628 849 20B T 66 07 HC$ 1.00 MF$ 0.50

VASSILIOU, VASSO
SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

VAUGHN, BURTON E.
WOUNDING RESPONSE IN RELATION TO POLAR TRANSPORT OF RADIOCALCIUM IN ISOLATED ROOT SEGMENTS OF ZEA MAYS,
AD-628 805 6C T 66 07 HC$ 1.60 MF$ 0.50

VEGHTE, JAMES H.
INFRARED THERMOGRAPHY OF SUBJECTS IN DIVERSE ENVIRONMENTS.
AD-629 348 6F T 66 08 HC$ 1.00 MF$ 0.50

VEINOTT, ARTHUR F.
A PROPERTY OF SEQUENTIAL CONTROL PROCESSES,
AD-628 096 12B T 66 07 HC$ 1.60 MF$ 0.50

VEIS, G.
DETERMINATION OF THE ABSOLUTE SPACE DIRECTIONS BETWEEN BAKER-NUNN CAMERA STATIONS,
N66-10686 28E U 41 08 HC$ 2.00 MF$ 0.50

VENDROV, S. L.
NATURAL RESOURCES, CONSERVATION AND TRANSFORMATION OF NATURE (EXPERIENCE GAINED IN DETERMINING THE INFLUENCE OF LARGE RESERVOIRS ON LOCAL CLIMATE),
AD-628 842 8F T 66 07 HC$ 1.00 MF$ 0.50

VENTER, R. H.
ISOBARIC SPLITTING OF DIPOLE STATES IN NUCLEI,
AD-628 878 20H T 66 07

VERGA, RICHARD L.
AN ANALYSIS OF RADIOISOTOPE POWERED THRUSTORS FOR SPACE PROPULSION.
AD-425 715 18N U 41 07 HC$ 1.00

VERGELESOV, V. M.
CONCERNING CREAM-FORMING CAPACITY OF BUTTER,
AD-628 422 6H T 66 07 HC$ 1.00 MF$ 0.50

VERNIANI, FRANCO
THE TOTAL MASS OF THE EARTH'S ATMOSPHERE.
AD-629 451 4A T 66 08

VERSTEGEN, J. M. P. J.
INFRARED SPECTRA OF HCl IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

VEST, ROBERT W.
DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF SOME REFRACTORY METAL OXIDES,
AD-629 490 11B T 66 08

VEY, E.
STUDIES OF LUNAR AND MARTIAN SOIL MECHANICS.
N66-12980 3B U 41 08 HC$ 1.00 MF$ 0.50

VIGUE, R. D.
IRON SINGLE CRYSTAL PREPARATION. PART I. THE PREPARATION OF THE CRYSTALS AND A STUDY OF THEIR MECHANICAL AND ELECTRICAL PROPERTIES AT LOW TEMPERATURES. PART II. SOME EXPERIMENTS ON THE USE OF THE ELECTROTRANSPORT PHENOMENON FOR THE FURTHER PURIFICATION OF ELECTRON BEAM ZONE-REFIN.
MRC-489-PTS-1-2 20L U 41 07 HC$ 3.00 MF$ 0.75

VILLENEUVE, A. T.
OPTIMIZATION OF GAIN ARBITRARY ARRAY ANTENNAS,
AD-628 943 9E T 66 08 HC$ 2.00 MF$ 0.50

VILMS, JURI
OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM POWER OUTPUT.
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50

VIMONT, P.
ETUDE STATISTIQUE DU CYCLE VEILLE-SOMMEILS CHEZ LE CHAT (STATISTICAL STUDY OF THE SLEEP-WALKING CYCLE IN THE CAT),
AD-629 203 6P T 66 08

VINACKE, W. E.
THE CONCEPT OF AVIATOR'S 'VERTIGO',
AD-467 970 6S U 41 07 HC$ 1.00 MF$ 0.50

PREDICTING THE SUSCEPTIBILITY OF AVIATORS TO 'VERTIGO': A PRELIMINARY STUDY,
AD-467 972 6S U 41 07 HC$ 1.00 MF$ 0.50

VIND, H. P.
SCREENING OF CHEMICAL TOXICITY TO MARINE BORERS.
AD-629 707 6T T 66 08 HC$ 4.00 MF$ 0.75

VISKANTA, R.
TRANSIENT COOLING OF A SPHERICAL MASS OF HIGH-TEMPERATURE GAS BY THERMAL RADIATION,
AD-629 420 20M T 66 08

VISPI, MARK A.
EVALUATION TESTS OF MOSLER BLAST VALVES.
AD-629 405 13K T 66 08 HC$ 2.00 MF$ 0.50

VITOLA, BART M.
SET AND CONTENT SCORES FOR PERSONALITY SCALES AND RESPONSE STYLES IN THE MMPI,
AD-628 951 5J T 66 08

VITTORIO, P. V.
THE EFFECT OF X-RADIATION ON THE CELL SIZE DISTRIBUTION OF THYMUS LYMPHOCYTES,
AD-628 121 6R T 66 07

VIZBARAITE, IA. I.
SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS,
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

VLASOV, A. YA.
GEOMAGNETIC FIELD INVERSION (REVERSAL) IN THE LOWER DEVONIAN,
AD-628 786 8N T 66 07 HC$ 1.60 MF$ 0.50

VOAS, ROBERT B.
THE RELIABILITY OF SELF-DETERMINATION OF PULSE RATES.
AD-467 959 6P U 41 07 HC$ 1.00 MF$ 0.50

VALIDITY OF PERSONALITY INVENTORIES IN THE NAVAL AVIATION SELECTION PROGRAM.
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50

A PROCEDURE FOR REDUCING THE EFFECTS OF SLANTING QUESTIONNAIRE RESPONSES TOWARD SOCIAL ACCEPTABILITY.
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50

VOGEL, ANDREAS
RESEARCH ON METHODS OF DETERMINING LEVEL SURFACES OF THE EARTH'S GRAVITY FIELD.
AD-628 797 8E T 66 07 HC$ 2.60 MF$ 0.50

VOIGT, A. F.
ANALYSIS OF A DAMASCUS STEEL BY NEUTRON AND GAMMA ACTIVATION,
IS-1105 7E U 41 07 HC$ 1.00 MF$ 0.50

VOLAROVITCH, M. P.
INVESTIGATION OF THIN SAMPLES OF MINERAL ROCK UNDER CONDITIONS OF SHEAR DUE TO TORSION AND UNIDIRECTIONAL STRESS.
AD-629 046 8G T 66 08 HC$ 1.00 MF$ 0.50

VOLLMER, HOWARD M.
THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION,
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

VOLMAN, D. H.
THE PHOTOCHEMICAL REACTION OF HYDROGEN PEROXIDE WITH ALLYL ALCOHOL-3,3-D2,
AD-628 086 7E T 66 07

VOLMIR, A. S.
STABILITY OF ELASTIC SYSTEMS,
AD-628 508 20K T 66 07 HC$13.45 MF$ 4.00

VOLTERRA, V.
A METHOD FOR E. P. R. MEASUREMENTS OF ORTHORHOMBIC SITES IN A CRYSTAL OF TETRAGONAL SYMMETRY,
AD-628 362 20B T 66 07

PARAMAGNETIC RESONANCE OF YB(3+) IN CAWO4,
AD-628 363 20L T 66 07

ELECTRON PARAMAGNETIC RESONANCE OF EU2+ IN CAWO4,
AD-629 232 7D T 66 08

VON GIERKE, HENNING E.
ON NOISE AND VIBRATION EXPOSURE CRITERIA,
AD-628 175 6J T 66 07

VON HABERICH, F. J.
UBER DAS UNTERSCHIEDLICHE VERHALTEN DER DIURESE BEI INTRAPORTALEN UND INTRACAVALEN INFUSIONEN VON WASSER UND 0,9O/O NACLLOSUNG AN DER WACHEN RATTE (THE DIFFERENT DIURETIC EFFECTS OF WATER AND ISOTONIC SALINE INFUSION INTO THE PORTAL VEIN AND VENA CAVA OF THE UNANESTHETIZED RAT),
AD-628 372 6P T 66 07

VOPAT, ROBERT E.
OXYGEN CONCENTRATION, TEMPERATURE, AND VISCOSITY DETERMINATIONS: POLAROGRAPHIC TECHNIC.
AD-628 892 6E T 66 08 HC$ 1.60 MF$ 0.50

VORONOV, A. G.
CHRONICLE: ALL UNION CONFERENCE ON LANDSCAPING IN ALMA-ATA (6TH),
AD-628 533 8F T 66 07 HC$ 1.00 MF$ 0.50

VOZOFF, KEEVA
RESULTS OF DEEP RESISTIVITY MEASUREMENTS IN SIX PRECAMBRIAN AREAS OF THE WESTERN U. S.
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50

DEEP RESISTIVITY INVESTIGATIONS IN THE CONTINENTAL UNITED STATES.
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75

VYSOTSKII, A. A.
MODEL TESTS OF ELECTROCHEMICAL PROTECTION AGAINST CORROSION OF SHIPS' HULLS AND DETERMINATION OF EFFECT OF PROPELLERS ON THE CONDITIONS OF FUNCTIONING OF THIS PROTECTION,
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50

WACHTEL, LOUIS W.
SUPPRESSION OF DNA SYNTHESIS IN WEANLING RAT KIDNEYS BY SHORT-TERM FASTING,
AD-628 360 6P T 66 07 HC$ 2.60 MF$ 0.50

WACHTEL, L. W.
X-RAY INDUCED GLOMERULOSCLEROSIS IN RATS: MODIFICATION OF

LESION BY FOOD RESTRICTION, UNINEPHRECTOMY, AGE,
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50

WADE, R. E.
ACCEPTANCE SUMMARY REPORT - FTM 460.
AD-628 151 16D T 66 07 HC$ 3.00 MF$ 0.75

WADHWA, R. P.
RESEARCH ON NOISE IN CROSSED-FIELD GUNS.
AD-628 231 9A T 66 07 HC$17.00 MF$ 1.00

WAECKER, NORMAN J.
ADAPTION OF XM30 CATAPULT TO OPERATIONAL CONDITIONS. TASK I. DESIGN OF CATAPULT, AIR- CRAFT EJECTION SEAT: XM31. TASK II. MODIFICA- TION TO AIRCRAFT SEATS AND ROCKET CATAPULTS FOR ACTUATION OF COMPENSATING NOZZLES.
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50

WAGNER, S.
RESEARCH AND DEVELOPMENT LOW COST INTEGRATED CIRCUIT TECHNIQUES.
AD-628 618 9A T 66 07 HC$ 7.60 MF$ 0.75

WAHL, ARNOLD C.
PICTORIAL STUDIES OF MOLECULES. I. MOLECULAR ORBITAL DENSITY COMPARISONS OF H 2, LI 2, B 2, C 2, N 2, O 2, AND F 2,
ANL-7076 20H U 41 08 HC$ 3.00 MF$ 0.75

WAITE, C. W.
AURORAL PHENOMENA IN AN INTEGRAL-INVARIANT COORDINATE SYSTEM,
AD-629 326 4A T 66 08

WAITKUS, P. A.
TRIMETHYLENECYCLOPROPANE,
AD-629 394 7C T 66 08

WAIT, JAMES R.
PROPAGATION OF ELECTROMAGNETIC PULSES IN TERRESTRIAL WAVEGUIDES,
AD-628 240 20N T 66 07

WALDMAN, J.
STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

WALHOUT, G. J.
HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00

WALKER, DONALD E.
THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS,
AD-629 455 5G T 66 08

WALKER, E. R.
A PARTICULATE DIFFUSION EXPERIMENT.
AD-628 609 4B T 66 07

WALKER, J. F.
AUTOIONIZATION STATES OF H(-) BELOW THE N=2 LEVEL OF H,
AD-628 239 7D T 66 07

WALKER, M.
RESEARCH AND DEVELOPMENT LOW COST INTEGRATED CIRCUIT TECHNIQUES.
AD-628 618 9A T 66 07 HC$ 7.60 MF$ 0.75

WALKER, N.
PRODUCTION ENGINEERING MEASURE FOR IMPROVEMEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50

WALKER, R. W.
THERMAL AND ISOTHERMAL EXPLOSIONS IN THE INHIBITION OF THE H2+02 REACTION BY HYDROCARBONS,
AD-629 245 7D T 66 08

WALKUP, DAVID W.
THE D-STEP CONJECTURE FOR POLYHEDRA OF DIMENSION D<6,
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50

WALLER, HAROLD M.
MICROWAVE DIAGNOSTICS OF ARC-HEATED NITROGEN AND AIR PLASMAS.
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50

WALLIS, G. B.
TWO-PHASE FLOW AND BOILING HEAT TRANSFER.
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50

WALLIS, R. F.
DETECTOR INVESTIGATION FOR 8-15 AND 100-4000 MICRON REGIONS.
AD-628 870 20L T 66 07 HC$ 3.60 MF$ 0.50

WALLON, EDWARD J.
COMPREHENSION BY READING VERSUS HEARING.
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50

WALL, EUGENE
ACTION PLAN FOR IMPROVED DISSEMINATION OF ENGINEERING INFORMATION.
PB-169 318 5B U 41 07 HC$ 1.10 MF$ 0.50
PB-169 320 5B U 41 07 HC$ 1.60 MF$ 0.50

WALL, P. D.
OCTOPUS OPTIC RESPONSES,
AD-628 743 6C T 66 07

WALSH, J. L.
POLYNOMIALS OF BEST APPROXIMATION ON AN INTERVAL, II,
AD-629 538 12A T 66 08

WALTERS, N. F.
ENGINEERING SERVICES IN CONNECTION WITH TEST OF EXISTING OPEN AND CLOSED TYPE GUY INSULATORS AND A FEASIBILITY STUDY OF IMPROVED DESIGNS FOR HIGH STRENGTH ALUMOWELD CABLES.
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50

WALTER, W. T.
PHOTODISSOCIATION OF THALLIUM BROMIDE AND CESIUM BROMIDE,
AD-629 160 7E T 66 08

STRONG 3.27-UPSILON LASER OSCILLATION IN XENON,
AD-629 161 20E T 66 08

WALTON, R. D.
ORGANOMETALLIC COMPOUNDS. V. KINETICS OF PHENYLTIN CLEAVAGE BY A CHELATING AGENT.
AD-628 652 7C T 66 07

WANDINGER, LOTHAR
OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM POWER OUTPUT.
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50

WANG CHANG, C. S.
ON THE TRANSPORT PHENOMENA IN RARIFIED GASES,
AD-629 213 20D T 66 08 HC$ 2.60 MF$ 0.50

ON THE DISPERSION OF SOUND IN HELIUM,
AD-629 214 20A T 66 08 HC$ 1.60 MF$ 0.50

WANG, CHANG-YI
THE FLOW FIELD INDUCED BY AN OSCILLATING SPHERE.
AD-628 452 20D T 66 07

WANG, JU-KWEI
ON FUNCTIONS WITH FOURIER TRANSFORMS IN L(P),
AD-629 619 12A T 66 08

WANG, M. L.
SOUND ABSORPTION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-628 426 7D T 66 07

WANG, P. K. C.
INVARIANCE, UNCONTROLLABILITY, AND UNOBSERVABILITY IN DYNAMICAL SYSTEMS,
AD-628 697 12A T 66 07

WANG, T. T.
INTEGRAL REPRESENTATION OF CREEP AND RATE SENSITIVITY IN METALS.
AD-460 373 20K U 41 08 HC$ 3.60

WANG, YUNG-LI
WICK AND GOLDSTONE THEOREMS FOR GENERAL SPIN, ANTIFERROMAGNETIC SPIN WAVES II.
AD-629 141 20J T 66 08 HC$ 2.60 MF$ 0.50

WANIEK, RALPH W.
STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS.
AD-628 044 20F T 66 07 HC$ 1.80 MF$ 0.50

WANTMAN, MAYER ELIHU
CALCULAID: AN ON-LINE SYSTEM FOR ALGEBRAIC COMPUTATION AND ANALYSIS.
AD-474 019 9B U 41 07 HC$ 3.00 MF$ 0.50

WARAVDEKAR, VAMAN S.
STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE,
AD-628 263 6A T 66 07

WARBURTON, WILLIAM K.
A GENERALIZED MODEL FOR THE CHEMISORPTION BEHAVIOR OF NITROGEN ON TUNGSTEN.
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75

WARD, JOSEPH J.
HIGH AMPLITUDE CURRENT AND OPTICAL TRANSMISSION OSCILLATIONS IN CDS SINGLE CRYSTALS.
AD-628 453 20L T 66 07 HC$ 1.10 MF$ 0.50

WARD, FRED
THE GENERAL CIRCULATION OF THE SOLAR ATMOSPHERE AND THE MAINTENANCE OF THE EQUATORIAL ACCELERATION.
AD-629 117 3C T 66 08

WARD, HELEN L.
PHYSIOLOGICAL STUDIES EMPLOYING RADIOISOTOPES,
TID-3515 18B U 41 07 HC$ 6.00 MF$ 1.50

WARD, JOSEPH J.
HIGH AMPLITUDE CURRENT AND OPTICAL TRANSMISSION OSCILLATIONS IN CDS SINGLE CRYSTALS.
AD-628 122 20L T 66 07 HC$ 1.10 MF$ 0.50

WARD, JOSEPH S.
DEVELOPMENT OF IMPROVED RIFLE SQUAD TACTICAL AND PATROLLING PROGRAMS FOR THE LIGHT WEAPONS INFANTRYMAN.

AD-628 667 156 T 66 07 HC$12.60 MF$ 0.75

WARD, M. D.
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS.
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

WARD, W. DIXON
THE DEVELOPMENT AND STANDARDIZATION OF A GROUP TEST FOR CRITICAL FLICKER FREQUENCY.
AD-468 341 5J U 41 08 HC$ 1.00 MF$ 0.50

WARE, WILLIS H.
JOHNNIAC EULOGY.
AD-629 222 9B T 66 08 HC$ 1.00 MF$ 0.50

WARNER, L.
ESTIMATES OF ELECTRICITY SALES BY UTILITIES, BY COUNTY AND CLASS OF SERVICE, OKLAHOMA, 1950 AND 1960.
N66-11744 13B U 41 08 HC$ 3.00 MF$ 0.50

WARNER, THEODORE B.
ELECTRONIC COMMUTATOR DETERMINATION OF E OF FORMATION AND RELATED THERMODYNAMIC QUANTITIES FOR MOLTEN LEAD CHLORIDE.
AD-628 269 7D T 66 07

WARREN, NEIL D.
THE TROUBLE LOCATOR: A TROUBLESHOOTING AID FOR A COMPLEX ELECTRONIC SYSTEM.
PB-169 205 5I U 41 07 HC$ 1.00 MF$ 0.50

WASILIK, ROBERT M.
NEGATIVE MAGNETORESISTANCE IN TELLURIUM.
AD-629 508 20L T 66 08

WATANABE, SATOSI
THE LOEVE-KARHUNEN EXPANSION AS A MEANS OF INFORMATION COMPRESSION FOR CLASSIFICATION OF CONTINUOUS SIGNALS.
AD-628 684 9D T 66 07 HC$ 3.60 MF$ 0.50

WATERLOW, J. C.
EXPEDITION TO THE COLOMBIAN ANDES (4TH).
AD-466 169 6P U 41 07 HC$ 2.00 MF$ 0.50

WATERMAN, LEE S.
CARBON DIOXIDE IN SURFACE WATERS OF PACIFIC OCEAN. I. MEASUREMENTS OF THE DISTRIBUTION.
AD-628 242 8J T 66 07

WATKINS, WILLIAM H.
EFFECT OF INTENSITY CHANGES IN AUXILIARY STIMULI ON AUDITORY AND VISUAL SIGNAL DETECTION.
AD-628 188 5J T 66 07 HC$ 6.60 MF$ 0.75

WATSON, KENNETH M.
RF BREAKDOWN NEAR A CONICAL RE-ENTRY BODY.
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50

WATSON, R. E.
CONDUCTION-ELECTRON POLARIZATION IN METALS.
AD-628 189 20C T 66 07

EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING.
AD-628 338 20C T 66 07

WAYE, IRMA
A SURFACE-FITTING PROGRAM FOR AREALLY-DISTRIBUTED DATA FROM THE EARTH SCIENCES AND REMOTE SENSING.
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00

WEAR, JAMES O.
ABSORPTIVITIES OF COMPLEXES FROM THE VARIATION AND THE MOLE RATIO METHODS FOR COMPLEX DETERMINATIONS.
SC-RM-65-625 7B U 41 07 HC$ 1.00 MF$ 0.50

WEASNER, M. HAROLD
SMOKE MARKER DETECTION AND IDENTIFICATION STUDY.
AD-467 335 19A U 41 07 HC$ 3.00 MF$ 0.75

WEATHERFORD, W. D.
THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

WEAVER, L. D.
DEPENDENCE ON MAGNETIC FIELD OF POLARIZA- TION OF RADIATION FROM ELECTRON-HELIUM COLLISION.
AD-629 541 20J T 66 08

WEBB, H. D.
IONOSPHERIC RESEARCH.
AD-629 430 4A T 66 08 HC$ 4.60 MF$ 0.50

AD-629 449 4A T 66 08 HC$ 1.60 MF$ 0.50

WEBB, J. J.
ULTRAVIOLET DEGRADATION STUDY.
N66-11226 20M U 41 08 HC$ 1.00 MF$ 0.50

WEBB, PAUL
BIOASTRONAUTICS DATA BOOK.
N65-15594 6C U 41 07 MF$ 2.00

WEBB, WILSE B.
COMPREHENSION BY READING VERSUS HEARING.
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50

SLEEP PATTERNS IN YOUNG ADULTS: AN EEG STUDY.
AD-628 254 6E T 66 07

THE EFFECTS OF STAGE FOUR SLEEP DEPRIVATION.
AD-629 171 6P T 66 08

WEBER, ERNST
A SUMMARY OF CURRENT RESEARCH IN THE MICROWAVE RESEARCH INSTITUTE PROGRAMS.
AD-467 353 9C U 41 08 HC$ 5.00 MF$ 1.00

WEBER, ROBERT J.
CONTINGENT DISCRIMINATION IN HUMANS.
AD-629 144 5J T 66 08

WEBSTER, FREDERIC A.
EXPERIMENTAL STUDIES ON TARGET DETECTION. EVALUATION AND INTERCEPTION BY ECHOLOCATING BATS.
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75

WECKESSER, L. B.
EQUILIBRIUM, ADIABATIC WALL, AND STAGNATION TEMPERATURES AT ALTITUDES UP TO 100,000 FEET AND MACH NUMBERS UP TO 20.
AD-462 332 1A U 41 07 HC$ 9.60

WEEKS, W. F.
ON THE MODE OF UPLIFT OF THE FISH AND FOSSILIFEROUS MORAINES OF THE MCMURDO ICE SHELF, ANTARCTICA.
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50

WEIFFENBACH, G. C.
RADIO DOPPLER METHOD OF USING SATELLITES FOR GEODESY, NAVIGATION AND GEOPHYSICS WITHIN THE PLANETARY SYSTEM.
PB-169 236 17G U 41 07 HC$ 3.00 MF$ 0.75

WEIL, JAMES K.
WETTING AGENTS AND SURFACE ACTIVE COMPOSITIONS THEREFROM.
PATENT 3,219,584 11K U 41 07

WEINER, R. B.
PULSE-CODE MODULATION MULTIPLEX TRANSMISSION OVER AN INJECTION LASER TRANSMISSION SYSTEM.
AD-629 503 20E T 66 08

WEINER, J. H.
THERMAL EFFECTS ON DISLOCATION VELOCITIES IN A LINEAR CHAIN.
AD-629 668 20B T 66 08

WEINER, LOUIS I.
MASS, PERMEABILITY, AND THICKNESS CHANGES IN ABRADED FABRICS.
AD-629 603 11E T 66 08 HC$ 3.00 MF$ 0.75

WEINTRAUB, D.
ROLE BEHAVIOUR AND SOCIAL STRUCTURE.
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75

WEISSENBERGER, STEIN
STABILITY ANALYSIS OF RELAY-CONTROL SYSTEMS VIA THE DIRECT METHOD OF LYAPUNOV.
N65-35962 12B U 41 07 HC$ 3.00 MF$ 0.75

WEISSLER, ALFRED
ULTRASOUND CHEMICAL EFFECTS ON PURE ORGANIC LIQUIDS.
AD-629 295 7C T 66 08

WEISSMAN, N.
THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY.
AD-629 259 6A T 66 08

WEISSMAN, PAUL M.
SELECTIVE REDUCTIONS. VI. THE REACTION OF LITHIUM TRI-T-BUTOXY ALUMINOHYDRIDE WITH PHENOLIC ESTERS. A NEW ALDEHYDE SYNTHESIS.
AD-629 448 7C T 66 08

SELECTIVE REDUCTIONS. VII. REACTION OF LITHIUM TRIMETHOXYALUMINOHYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS.
AD-629 450 7C T 66 08

WEISSMAN, S. I.
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

WEISS, E. J.
THE PHASE EQUILIBRIA AND CRYSTAL CHEMISTRY OF THE RARE EARTH GROUP VI SYSTEMS. III. NEODYMIUM-TELLURIUM.
AD-628 455 20L T 66 07

WEISS, LEONARD
ON SYSTEM FUNCTIONS WITH THE PROPERTY OF SEPARABILITY.
AD-628 696 12B T 66 07

ON THE STABILITY OF SYSTEMS DEFINED OVER A FINITE TIME INTERVAL.
AD-628 699 12B T 66 07

DUAL DYNAMICAL SYSTEMS AND THEIR REPRESENTATION BY SYSTEM FUNCTION.
AD-628 704 12B T 66 07

WEITZMAN, DOROTHY EARLEY
THE INFLUENCE OF ORGANIZATIONAL FACTORS UPON PSYCHIATRIC CARE IN THE UNITED STATES ARMY.
AD-629 017 6E T 66 08 HC$ 7.60 MF$ 0.75

WELCH, CLARK M.
PROCESS FOR CROSS-LINKING CELLULOSE WITH FORMALDEHYDE ADDUCTS OF DIVINYL SULFONE.
PATENT 3,219,708 11E U 41 08

WELLER, TANCHUM

EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS UNDER TORSION,
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50

WELLS, E. J.
NMR SPIN-ECHO TRAINS FOR A COUPLED TWO-SPIN SYSTEM,
AD-466 684 7D U 41 07 HC$ 1.00 MF$ 0.50

WELLS, WILLIAM R.
SENSITIVITY OF SHORT-PERIOD TRACKING DATA FROM A LUNAR SATELLITE TO THE LUNAR GRAVITATIONAL FIELD HARMONICS,
N66-11253 22A U 41 07 HC$ 3.00 MF$ 0.50

WENDNOFF, BURTON
ON FREQUENCY DISCRETIZATION AND CONSERVA- TIVE DIFFERENCE EQUATIONS FOR RADIATIVE TRANSFER,
LA-3401 12A U 41 07 HC$ 1.00 MF$ 0.50

WENDT, H. F.
METHODS OF ANALYSIS OF METAL REFRACTORIES. BORIDES, CARBIDES AND NITRIDES OF HAFNIUM NIOBIUM, TANTALUM, TITANIUM AND ZIRCONIUM,
AD-459 048 7B U 41 08 HC$ 2.00

WENZEL, A. W.
SPECTROPHOTOMETRIC DETERMINATION OF GALLIUM IN PLUTONIUM-GALLIUM ALLOY,
NBL-228 7D U 41 08 HC$ 1.00 MF$ 0.50

WENZEL, L. M.
INVESTIGATION OF THE STARTING CHARACTERISTIC OF THE M-1 ROCKET ENGINE USING THE ANALOG COMPUTER,
N66-12146 21H U 41 08 HC$ 2.00 MF$ 0.50

WERTZ, JOHN E.
A HYDROGEN-CONTAINING TRAPPED HOLE CENTER IN MAGNESIUM OXIDE,
AD-629 658 20L T 66 08

SPIN STATES OF TRIVALENT CHROMIUM WITH TETRAGONAL SYMMETRY IN MGO,
AD-629 659 20L T 66 08

THERMOLUMINESCENT FORMATION OF CR(2+) IN MAGNESIUM OXIDE,
AD-629 660 20L T 66 08

TRAPPED HOLE CENTER CONTAINING FLUORINE IN MAGNESIUM OXIDE,
AD-629 661 20L T 66 08

WESCOTT, L. D.
REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARBON WITH OLEFINS,
AD-629 063 7C T 66 08

WETMORE, JOSEPH W.
AIRCRAFT INSTRUMENT.
PATENT 3,221,549 1D U 41 07

WEXELBLAT, RICHARD L.
A PROBLEM SOLVING FACILITY,
AD-467 356 9B U 41 08 HC$ 7.60 MF$ 0.75

WEYMANN, HELMUT D.
ELECTRON AND ION DENSITY AHEAD OF AIR SHOCK WAVES,
AD-628 143 20I T 66 07 HC$ 1.10 MF$ 0.50

WHALEN, ROBERT L.
WAVEFRONT FOLDING INTERFEROMETER,
AD-628 784 17H T 66 07 HC$ 3.60 MF$ 0.50

WHARTON, C. B.
CYCLOTRON WAVES IN A COLLISIONLESS PLASMA,
N66-12532 20I U 41 07 HC$ 1.00 MF$ 0.50

WHARTON, J. H.
EXPERIMENTAL X-RAY STRESS ANALYSIS FOR PRECIPITATION HARDENED ALUMINUM ALLOYS,
N66-10668 11F U 41 08 HC$ 2.00 MF$ 0.50

WHEELER, B. R.
ICPP PROCESSING OF VBWR STAINLESS STEEL FUEL,
IDO-14658 18J U 41 08 HC$ 2.00 MF$ 0.50

WHEELOCK, L. K.
ACTION PLAN FOR IMPROVED DISSEMINATION OF ENGINEERING INFORMATION,
PB-169 318 5B U 41 07 HC$ 1.10 MF$ 0.50

WHIGHAM, R. H.
HYBRID COMPUTER MONTE-CARLO TECHNIQUES,
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50

WHIPPLE, D. D.
AMPLIFIER ASSEMBLY AM-4006( ) /FCC-17 (SUPERGROUP CARRIER AMPLIFIER),
AD-628 157 9E T 66 07 HC$ 3.60 MF$ 0.50

WHISTLER, W. J.
A FEASIBILITY STUDY OF THE MASS SPECTROMETER INSTRUMENTATION FOR THE ANALYSIS OF THE MARTIAN ATMOSPHERE,
N66-11743 14B U 41 08 HC$ 6.00 MF$ 1.50

WHITAKER, A. F.
INVESTIGATION OF THE COEFFICIENT OF FRICTION OF VARIOUS GREASES AND DRY FILM LUBRICANTS AT ULTRA HIGH LOADS FOR THE SATURN HOLD DOWN ARMS,
N66-10669 11H U 41 08 HC$ 2.00 MF$ 0.50

WHITE, G. K.
THERMAL EXPANSION OF GERMANIUM AND SILICON AT LOW TEMPERATURES,
AD-628 423 20M T 66 07

THERMAL PROPERTIES OF SILICA AT LOW TEMPERATURES,
AD-628 424 20L T 66 07

THERMAL EXPANSION OF MAGNETIC METALS AT LOW TEMPERATURES,
AD-629 558 20L T 66 08

WHITE, H. V.
AN ACTIVE LOW-PASS FILTER,
AD-463 913 9A U 41 07 HC$ 1.00

WHITE, KENNETH C.
A GUIDANCE SCHEME FOR LUNAR DESCENT BASED ON LINEAR PERTURBATION THEORY,
N66-13229 22C U 41 07 HC$ 2.00 MF$ 0.50

WHITFIELD, CHARLES E.
SELECTIVE ELECTROPLATING OF ETCHED CIRCUITS.
N66-10318 9A U 41 07 HC$ 1.00 MF$ 0.50

WHITFIELD, JACK D.
RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

WHITNEY, C. K.
SCOUT MOTOR PERFORMANCE ANALYSIS AND PREDICTION STUDY (PAPS),
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25

WHITTEN, E. H. TIMONTHY
A SURFACE-FITTING PROGRAM FOR AREALLY-DISTRIBUTED DATA FROM THE EARTH SCIENCES AND REMOTE SENSING,
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00

WHITTEN, L. G.
PRINCIPLES AND OPERATION OF THE ALIGNMENT INTERFEROMETER,
Y-1489 18D U 41 07 HC$ 2.00 MF$ 0.50

WHITTICK, J. S.
POLYMERS FOR SPACECRAFT HARDWARE. MATERIALS SPECIFICATIONS AND ENGINEERING INFORMATION.
N66-10629 11J U 41 08 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF SPECIFICATIONS FOR POLYMERIC MATERIALS.
N66-10630 11J U 41 08 HC$ 1.00 MF$ 0.50

WICK, E. A.
ESH-4 TEST PROGRAM. REPORT ON FUEL ELEMENTS IRRADIATED IN THE E-SADE LOOP OF THE VALLECITOS BOILING WATER REACTOR,
ACNP-65006 18J U 41 07 HC$ 4.00 MF$ 0.75

WIEDER, MICHAEL A.
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES,
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

WIESE, W. L.
RELATIVE TRANSITION PROBABILITIES FOR PROMINENT NI I AND NI II LINES IN THE NEARULTRAVIOLET,
AD-629 324 7D T 66 08

WIGHTMAN, M.
A SUBALGOL PROGRAM FOR CALCULATION OF MOLECULAR COMPOSITIONAL FORMULAS FROM MASS SPECTRAL DATA.
N66-11689 7D U 41 08 HC$ 1.00 MF$ 0.50

WIKNER, E. G.
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10638 10A U 41 08 HC$ 1.00 MF$ 0.50

WILBURN, R. D.
CAPACITANCE MASS SENSING OF BOILING PROPELLANTS,
N66-11244 21H U 41 08 HC$ 3.00 MF$ 0.50

WILCOX, J. M.
A QUASI-STATIONARY CO-ROTATING STRUCTURE IN THE INTERPLANETARY MEDIUM,
N66-11213 3A U 41 08 HC$ 2.00 MF$ 0.50

WILES, D. M.
PROTON MAGNETIC RESONANCE LINE WIDTH AS A FUNCTION OF POLYMER TACTICITY,
AD-629 747 7D T 66 08

WILLENS, R. H.
SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

WILLEY, CRAIG
A FLIGHT AND WIND TUNNEL INVESTIGATION OF THE EFFECT OF ANGLE-OF-ATTACK RATE ON MAXIMUM LIFT COEFFICIENT,
N65-35827 1A U 41 07 HC$ 3.00 MF$ 0.50

WILLEY, F.
BASE-CATALYZED INTRAMOLECULAR 1,3- AND 1,5-PROTON TRANSFERS,
AD-629 638 7C T 66 08

WILLIAMSON, OLIVER E.
POSTATTACK FARM PROBLEMS. PART II. ATTACK EFFECTS ON INPUTS AND FARM OUTPUT,
AD-629 139 15C T 66 08 HC$19.20 MF$ 1.25

WILLIAMSON, S. J.
DE HAAS-VAN ALPHEN EFFECT IN PYROLYTIC AND SINGLE-CRYSTAL GRAPHITE,
AD-629 184 20L T 66 08

WILLIAMS, J. A.
A HIGH TEMPERATURE CREEP MACHINE FOR IN-CELL OPERATION,
BNWL-137 18J U 41 08 HC$ 1.00 MF$ 0.50

WILLIAMS, J. E. C.
THE MINIMUM PROPAGATING CURRENT OF A COMPOSITE SUPERCONDUCTOR.
AD-629 190 20C T 66 08

WILLIAMS, LLEWELYN
VEGETATION OF SOUTHEAST ASIA STUDIES OF FOREST TYPES 1963-1965.
AD-629 181 2F T 66 08 HC$30.90 MF$ 1.50

WILLIAMS, L. G.
A STUDY OF VISUAL SEARCH USING EYE MOVEMENT RECORDINGS.
AD-629 624 6P T 66 08 HC$ 3.00 MF$ 0.75

WILLIAMS, PETER R.
SIMULATION STUDIES OF AN INTEGRATED ELECTRONIC VERTICAL DISPLAY.
AD-629 157 1D T 66 08 HC$ 9.60 MF$ 0.75

WILLIAMS, ROBERT GLENN
AN INVESTIGATION OF THE INTERMEDIATE SALINITY MAXIMUM IN THE EQUATORIAL ATLANTIC DURING EQUALANT I.
AD-629 156 8J T 66 08 HC$ 4.00 MF$ 0.75

WILLIAMS, ROBERT L.
SLEEP PATTERNS IN YOUNG ADULTS: AN EEG STUDY.
AD-628 254 6E T 66 07

THE EFFECTS OF STAGE FOUR SLEEP DEPRIVATION.
AD-629 171 6P T 66 08

AN ELECTROENCEPHALOGRAPHIC STUDY OF THE EFFECTS OF MEPROBAMATE ON HUMAN SLEEP.
AD-629 563 6O T 66 08

WILLIAMS, R. A.
AN INTERFEROMETRIC RECEIVER FOR SUBMILLIMETER RADIOMETRY.
N66-10862 14B U 41 08 HC$ 5.00 MF$ 1.00

WILLIS, W. D.
INTRACELLULAR RECORDING FROM NEURONES OF THE RETICULAR FORMATION.
AD-628 378 6P T 66 07

THE PROPERTIES OF RETICULO-SPINAL NEURONS.
AD-629 204 6P T 66 08

SUBCORTICAL AND PERIPHERAL CONTROL OF BRAIN STEM RETICULAR NEURONS.
AD-629 205 6P T 66 08

CORTICAL CONTROL OF BRAIN STEM RETICULAR NEURONS.
AD-629 206 6P T 66 08

AFFERENT CONNECTIONS TO RETICULO-SPINAL NEURONS.
AD-629 207 6P T 66 08

WILLMEN, ABNER R.
EFFECTS OF TEMPERING ABOVE THE LOWER CRITICAL TEMPERATURE A SUB C1 ON THE PROPERTIES OF AN HY-80 STEEL.
AD-628 979 13H T 66 08 HC$ 2.00 MF$ 0.50

WILSON, B. W.
ANALYSIS OF WAVE FORCES ON A 30-INCH DIAMETER PILE UNDER CONFUSED SEA CONDITIONS.
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75

WILSON, D. K.
A SUMMARY OF SURFACE EFFECTS OF RADIATION ON SEMICONDUCTOR DEVICES.
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75

WILSON, GLENN R.
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

WILSON, I. DODD
CHANGES IN BLOOD COAGULABILITY IN DOGS FOLLOWING FLASH BURNS.
AD-628 123 6E T 66 07

EVALUATION OF CONVALESCENT BURN SERUM AS A TREATMENT FOR BURNED INBRED BEAGLE DOGS.
AD-628 124 6E T 66 07

WILSON, JAMES W.
SUMMARY OF SHORT-PERIOD TERMINAL WEATHER INFORMATION STUDIES.
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75

WILSON, R. H.
EVALUATION OF RADIOLOGICAL CONDITIONS IN THE VICINITY OF HANFORD, JANUARY-JUNE 1965.
BNWL-165 6R U 41 08 HC$ 2.00 MF$ 0.50

WILSON, STERLING H.
DEVELOPMENT OF AN AUTOMATIC DEVICE FOR SOLVING CONTINUUM MECHANICS PROBLEMS.
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25

WILSON, TALMADGE AUGUSTA
EVALUATION OF CONTRACTOR'S PERT-TIME ESTIMATING ABILITY.
AD-628 058 5A T 66 07 HC$ 3.00 MF$ 0.75

WIMUNC, E. A.
INSPECTION, EVALUATION, AND OPERATION OF THE EBWR REACTOR VESSEL.
ANL-7117 18I U 41 08 HC$ 3.00 MF$ 0.75

WINCHESTER, JOHN W.
PREPARATION OF HIGH SPECIFIC ACTIVITY SN125 RADIOTRACER.
PB-169 141 18B U 41 07 HC$ 1.00 MF$ 0.50

WINDER, R. O.
THRESHOLD FUNCTIONS THROUGH N = 7.
AD-452 952 12A U 41 08 HC$ 2.00

WINDSOR, H. F.
MAGNETO-OPTICAL DISPLAY PANEL WITH MEMORY.
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50

WINKELMAN, J. R.
TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS.
AD-629 365 18C T 66 08

WINKLER, ERNEST O.
CERAMIC-MATRIX-TYPE FUEL ELEMENT WITH GRAPHITE FABRIC AFFIXED TO EXTERIOR SURFACE.
PATENT 3,224,944 18J U 41 08

WINSLOW, FITZ R.
ATOMIC TRANSPORT PROBLEMS OF INTEREST IN NUCLEAR SYSTEMS.
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50

WINTER, J. M.
PLANAR INTEGRATION OF THIN FILM UNITS.
AD-455 010 9A U 41 08 HC$ 3.60

WITTENBERG, L. J.
REACTOR FUELS AND MATERIALS DEVELOPMENT PLUTONIUM RESEARCH APRIL-JUNE 1965.
MLM-1283 18J U 41 07 HC$ 4.00 MF$ 0.50

WITT, W.
HIGH PERFORMANCE THIN FILMS FOR MICROCIRCUITS (CAPACITORS).
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50

WOELLNER, RICHARD C.
THE PERCEPTION OF VERTICAL IN THE PRESENCE OF INCREASED ACCELERATIVE FORCES.
AD-468 195 6S U 41 07 HC$ 1.00 MF$ 0.50

WOERNER, NORRIS E.
700-MB, WARM AIR ADVECTION AS A FORECASTING TOOL FOR MONTANA AND NORTHERN IDAHO.
PB-169 386 4B U 41 08 HC$ 1.60 MF$ 0.50

WOHLERS, M. R.
DISTRIBUTION THEORY AS THE BASIS OF GENERALIZED PASSIVE-NETWORK ANALYSIS.
AD-629 339 9E T 66 08

WOHL, J. G.
APPARENT MOVEMENT PHENOMENA ON CRT DISPLAYS - THRESHOLD DETERMINATIONS OF APPARENT MOVEMENTS OF PULSED LIGHT SOURCES.
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50

WOLFE, C. M.
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS.
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50

WOLFF, C. L.
ON THE DETERMINATION OF SOLAR EUV EMISSION ALTITUDES USING THE EARTH AS AN OCCULTING DISK.
N66-11210 20H U 41 08 HC$ 1.00 MF$ 0.50

WOLFF, IVAN A.
WAX ESTER SUBSTITUTE FOR JOJOBA OIL FROM THE SEED OF LIMNANTHES DOUGLASII.
PATENT 3,226,406 11G U 41 08

WOLFSON, ALBERT
CIRCADIAN RHYTHM AND THE PHOTOPERIODIC REGULATION OF THE ANNUAL REPRODUCTIVE CYCLE IN BIRDS.
AD-628 688 6C T 66 07

WOLF, CHARLES
UNITED STATES INTERESTS IN ASIA.
AD-628 484 5D T 66 07 HC$ 1.10 MF$ 0.50

WOLF, RICHARD A.
NEUTRON STARS. I. PROPERTIES AT ABSOLUTE ZERO TEMPERATURE.
AD-628 459 3B T 66 07

NEUTRON STARS. II. NEUTRINO-COOLING AND OBSERVABILITY.
AD-628 460 3B T 66 07

WOLSKI, EDWARD
LIQUID AND SOLID PROPELLANTS TECHNOLOGY: COMPILATION OF ABSTRACTS.
AD-628 166 21I T 66 07 HC$ 4.00 MF$ 1.00

WOLTER, J. R.
TRANSMISSION OF THE HUMAN EYE.
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50

WONG, K.
REVERSIBLE OXYGEN ELECTRODES.
AD-628 171 10B T 66 07 HC$ 3.60 MF$ 0.50

WONG, ROBERT Y.
APPARATUS FOR ABSORBING AND MEASURING POWER.
PATENT 3,221,547 10A U 41 07

WONHAM, W. M.
SOME APPLICATIONS OF STOCHASTIC DIFFERENTIAL EQUATIONS TO OPTIMAL NONLINEAR FILTERING.
AD-629 271 12B T 66 08

WONSON, R.
DESIGN, DEVELOPMENT, FABRICATION, AND DELIVERY OF THREE /3/ STRAIN GAGE ACCELEROMETERS.
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75

WOODBURY, H. H.
NEW SOLID-STATE DEVICE CONCEPTS.
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50

WOODS, DONALD H.
COHERENT BIDDING STRATEGIES AND COMPETITIVE BEHAVIOR.
AD-629 520 12B T 66 08 HC$ 2.60 MF$ 0.50

WOODWARD, R. H.
RESEARCH ON SOLID PROPELLANT COMBUSTION INSTABILITY.
AD-629 585 21I T 66 08 HC$ 3.60 MF$ 0.50

WOOD, R. T.
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

WOOLHOUSE, R. A.
CO-CATALYSIS IN FRIEDEL-CRAFTS REACTIONS. PART X. INTERACTION BETWEEN BORON TRIFLUORIDE AND ALKYL FLUORIDES.
AD-629 750 7C T 66 08

WORKEMA, G. J.
FORTRAN II PROGRAM FOR REDUCTION OF SPECTROPHOTOMETRIC REACTION KINETICS DATA.
RFP-629 9B U 41 08 HC$ 2.00 MF$ 0.50

WORKMAN, ROBERT D.
MINIMAL-RECOMPRESSION, OXYGEN-BREATHING APPROACH TO TREATMENT OF DECOMPRESSION SICKNESS IN DIVERS AND AVIATORS.
AD-628 823 6S T 66 07 HC$ 4.60 MF$ 0.50

WORSFOLD, D. J.
THE EFFECT OF DIELECTRIC CONSTANT ON THE RATE OF ANIONIC POLYMERIZATION.
AD-629 742 7C T 66 08

WORTHLEY, ELMER G.
PHARMACOTOXIC EVALUATION OF NINE VEHICLES ADMINISTERED INTRAPERITONEALLY TO MICE.
AD-628 313 6T T 66 07 HC$ 2.60 MF$ 0.50

WRIGHT, ROBERT R.
RESEARCH ON THERAPY OF PULMONARY EDEMA ASSOCIATED WITH OXIDIZERS.
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50

WRIGHT, R. H.
FAR INFRARED SPECTRA OF MOSQUITO REPELLENTS.
AD-629 392 6F T 66 08

WRIGHT, T. M.
BIBLIOGRAPHY AND SUMMARY OF METHODS RELATED TO THE ERROR ANALYSIS OF HYBRID COMPUTERS.
N66-13078 9B U 41 08 HC$ 2.00 MF$ 0.50

WUENSCH, B. J.
DIFFUSION STUDIES IN REFRACTORY MATERIALS.
AD-628 610 11B T 66 07 HC$ 1.60 MF$ 0.50

GRAIN BOUNDARY DIFFUSION IN MGO: ORIGIN OF THE EFFECT.
AD-628 849 20B T 66 07 HC$ 1.00 MF$ 0.50

WU, TAI TSUN
REGGE POLES IN QUANTUM ELECTRODYNAMICS WITH MASSIVE PHOTONS.
AD-628 288 20H T 66 07

WYBLE, C. W.
PLANAR INTEGRATION OF THIN FILM UNITS.
AD-455 010 9A U 41 08 HC$ 3.60

YAFFE, T. H.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

YAJIMA, NOBUO
NON-LINEAR MOTION OF TWO ION STREAMS IN A BACKGROUND OF HIGH TEMPERATURE ELECTRONS.
PB-169 190 20I U 41 08 HC$ 2.00 MF$ 0.50

YAMADA, HARUKA
ABSOLUTE INFRARED INTENSITIES OF THE FUNDAMENTAL ABSORPTION BANDS IN SOLID CARBONYL SULFIDE.
AD-629 464 7D T 66 08

ABSOLUTE INFRARED INTENSITIES IN MIXED HYDROGEN HALIDE CRYSTALS.
AD-629 465 7D T 66 08

YANG, MAURICE
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 225 9A T 66 07 HC$23.80 MF$ 1.25

YANKO, ROBERT P.
DEPRESSION IN THE OFFICER PATIENT.
AD-628 755 6E T 66 07

YARNOLD, K. W.
RESEARCH AND TECHNOLOGY DIVISION REPORT FOR 1965.
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00

YEE, H. H.
APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA.
N65-31137 20N U 41 07 HC$ 2.00 MF$ 0.50

YEN, J. L.
HARMONIC GENERATION BY A NONLINEAR PLASMA CYLINDER.
AD-628 518 20I T 66 07

YEN, YIN-CHAO
A THEORETICAL INVESTIGATION ON THE EFFECT OF MELTING ON FORCED CONVECTION HEAT TRANSFER.
AD-629 066 20M T 66 08 HC$ 1.60 MF$ 0.50

YILDIZ, ASIM
CAVITY RESONANCES IN ACCELERATED SYSTEMS.
AD-628 635 9A T 66 07

YNGVESSON, K. O.
INCOHERENT SCATTER FROM PLASMA OSCILLATIONS IN THE IONOSPHERE.
AD-629 337 4A T 66 08

YNTEMA, DOUWE B.
EXPERIMENTS ON SYSTEMS.
AD-628 558 5H T 66 07

TELLING A COMPUTER HOW TO EVALUATE MULTIDIMENSIONAL SITUATIONS.
AD-628 564 5H T 66 07

YOHNER, PEGGY L.
MAGNETIC FIELDS DUE TO SOLID AND HOLLOW CONICAL CONDUCTORS.
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00

YOUNG, CHARLES
INERTIALLY RESPONSIVE SWITCHES.
PATENT 3,218,405 16C U 41 07

YOUNG, C.
TABLES FOR CALCULATING THE VOIGT PROFILE.
N66-10685 23B U 41 08 HC$ 4.00 MF$ 1.00

YOUNG, FRANCIS A.
ULTRASOUND AND PHAKOMETRY MEASUREMENTS OF THE PRIMATE EYE.
AD-629 079 6C T 66 08 HC$ 2.00

YOUNG, J. Z.
FINAL REPORT ON GRANT NO. AF-EOAR-62-37.
AD-628 237 6C T 66 07 HC$ 1.10 MF$ 0.50

THE CENTRES FOR TOUCH DISCRIMINATION IN OCTOPUS.
AD-629 296 6C T 66 08

THE BUCCAL NERVOUS SYSTEM OF OCTOPUS.
AD-629 297 6C T 66 08

YOUNG, RICHARD S.
ANALYSIS OF THE EXTRATERRESTRIAL LIFE DETECTION PROBLEM.
N65-34227 6C U 41 07 HC$ 2.00 MF$ 0.50

YUILL, CALVIN H.
THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

YUNKOV, YA. A.
THE CALCULATIONS OF THE ANOMALIES OF V SUB DELTA FOR THREE-DIMENSIONAL BODIES BY A 'PALETTE' OF A TWO-DIMENSIONAL BODY.
AD-628 416 20D T 66 07 HC$ 1.00 MF$ 0.50

THE CALCULATION OF ANOMALIES VXZ OF THREE-DIMENSIONAL BODIES WITH A PALETTE OF A TWO-DIMENSIONAL BODY.
AD-628 417 20D T 66 07 HC$ 1.00 MF$ 0.50

YURA, JOSEPH A.
STRENGTH OF SINGLE-STORY STEEL FRAMES.
AD-628 210 13B T 66 07

YYEH, TYAN
INDEX OF REFRACTION SURFACES FOR PLASMA WAVES.
AD-628 273 20I T 66 07

ZAEV, N. E.
METHOD OF STORING ELECTRICAL ENERGY.
AD-628 299 10C T 66 07 HC$ 1.10 MF$ 0.50

ZAGORITES, H. A.
BIAS INFLUENCE ON RADIATION-INDUCED TRANSISTOR SURFACE EFFECTS.
AD-466 611 20L U 41 08 HC$ 2.00 MF$ 0.50

ZAHAR, R. V. M.
NUMERICAL INTEGRATION OF AN ORBIT AND ITS CONCOMITANT VARIATIONS BY RECURRENT POWER SERIES.
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50

ZAJONC, ROBERT B.
THE EFFECT OF GROUP SUCCESS ON THE REDUCTION OF STATUS INCONGRUENCE IN TASK-ORIENTED GROUPS.
AD-628 576 5K T 66 07

STIMULUS GENERALIZATION AS A FUNCTION OF DRIVE SHIFT.
AD-629 034 5J T 66 08

ZAKKAY, VICTOR
LAMINAR, TRANSITIONAL AND TURBULENT FLOW WITH ADVERSE PRESSURE GRADIENT ON A CONE-FLARE AT MACH 10.
AD-629 094 20D T 66 08 HC$ 6.60 MF$ 0.75

ZAK, J.
WIEDEMANN-FRANZ LAW IN THE QUANTUM LIMIT FOR ISOTROPIC SCATTERING.
AD-628 344 20C T 66 07

PROPER FUNCTIONS FOR A BLOCH ELECTRON IN A MAGNETIC FIELD.

AD-628 375 20H T 66 07

ZANCHETTI, ALBERTO
CAROTID SINUS AND AORTIC REFLEXES IN THE REGULATION OF CIRCULATION DURING SLEEP,
AD-628 340 6P T 66 07

ZANCHETTI, A.
CONTRIBUTION OF LOCAL ACTIVITY AND ELECTRIC SPREAD TO SOMATICALLY EVOKED POTENTIALS IN DIFFERENT AREAS OF THE HYPOTHALAMUS,
AD-629 280 6P T 66 08

ZARETSKY, ERWIN V.
BEARING LIFE AND FAILURE DISTRIBUTION AS AFFECTED BY ACTUAL COMPONENT DIFFERENTIAL HARDNESS.
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50

ZARETSKY, E. V.
ROLLING-CONTACT LUBRICATION STUDIES WITH POLYPHENYL ETHERS AT REDUCED PRESSURE,
N66-12142 11H U 41 08 HC$ 1.00 MF$ 0.50

ZARNICK, ERNEST E.
TESTING SHIP MODELS IN TRANSIENT WAVES,
AD-628 440 13J T 66 07 HC$ 4.60 MF$ 0.50

ZARRIELLO, J. J.
A STUDY OF EARLY GREYOUT THRESHOLD AS AN INDICATOR OF HUMAN TOLERANCE TO POSITIVE RADIAL ACCELERATORY FORCE.
AD-468 310 6S U 41 08 HC$ 1.00 MF$ 0.50

ZASLAVSKII, B. I.
NONLINEAR INTERACTION BETWEEN A SPHERICAL SHOCK WAVE AND FREE SURFACE WATER CAUSED BY THE EXPLOSION OF A DEEP CHARGE,
AD-629 670 19D T 66 08 HC$ 1.00 MF$ 0.50

ZEHNA, PETER W.
ESTIMATING MEAN RELIABILITY GROWTH.
AD-629 381 14D T 66 08 HC$ 2.00 MF$ 0.50

ZELKIN, E. G.
SYNTHESIS OF FLAT-APERTURE ANTENNAS,
AD-629 442 9E T 66 08 HC$ 1.10 MF$ 0.50

ZELWER, RUBEN
SOME SPECTRAL CHARACTERISTICS OF GEOMAGNETIC VIBRATIONS.
AD-629 087 8N T 66 08 HC$14.60 MF$ 1.00

ZEMANIAN, A. H.
A DISTRIBUTIONAL K TRANSFORMATION WITH APPLICATIONS TO TIME-VARYING ELECTRICAL NETWORKS.
AD-629 060 12A T 66 08 HC$ 2.00 MF$ 0.50

ZERLAUT, G. A.
INVESTIGATION OF LIGHT SCATTERING IN HIGHLY REFLECTING PIGMENTED COATINGS.
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50

ZHAROVA, L. K.
WELDING OF POLYMER FILMS,
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

ZIEHER, E. M.
THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND,
AD-629 053 6Q T 66 08

ZIEHER, L. M.
ULTRASTRUCTURE AND PHARMACOLOGICAL STUDIES OF NERVE ENDINGS IN THE PINEAL ORGAN,
AD-628 435 6P T 66 07

ZIEHE, THEODORE
THE CATALOG INPUT/OUTPUT SYSTEM,
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75

ZIEN, H. M.
ON THE INVISCID STABILITY OF THE LAMINAR MIXING OF TWO PARALLEL STREAMS OF A COMPRESSIBLE FLUID,
AD-629 322 20D T 66 08

THE INSTABILITY OF INVISCID JETS AND WAKES IN COMPRESSIBLE FLUID,
AD-629 323 20D T 66 08

ZILITINKEVICH, S. S.
NON-STATIONARY TURBULENT REGIME IN THE SURFACE LAYER OF THE ATMOSPHERE.
AD-628 972 4B T 66 08 HC$ 1.00 MF$ 0.50

ZILLER, ROBERT C.
SOME CORRELATES OF THE DON'T-KNOW RESPONSE IN OPINION QUESTIONNAIRES,
AD-629 147 5J T 66 08

ZIMEN, K. E.
THE KINETICS OF RARE-GAS DIFFUSION IN SOLIDS. TABLES AND GRAPHS FOR THE EVALUATION OF POST-ACTIVATION DIFFUSION EXPERIMENTS. (RARE-GAS DIFFUSION IN SOLIDS 10),
EURAEC-772 20L U 41 07 HC$ 2.00 MF$ 0.50

ZIMMERMANN, H. J.
QUARTERLY PROGRESS REPORT NO. 80. GENERAL PHYSICS, PLASMA DYNAMICS AND COMMUNICATION SCIENCES AND ENGINEERING,
AD-628 926 5A T 66 08 HC$27.10 MF$ 1.50

ZIMMERMAN, G. O.
DIELECTRIC CONSTANT OF HE3 IN THE CRITICAL REGION,
AD-628 345 20C T 66 07

ZIMMERMAN, LORENZ E.
AMYLOIDOSIS OF THE EYELID AND CONJUNTIVA,
AD-628 479 6E T 66 07

NEW CONCEPTS IN PATHOLOGY OF THE CORNEA,
AD-629 342 6E T 66 08

ZIN, GARY
RANDOM ACCESS CONTROL OF ELECTROLUMINESCENT ELEMENTS.
AD-628 886 9C T 66 08 HC$ 7.60 MF$ 0.75

ZIPORIN, ZIGMUND Z.
FACTORS INFLUENCING THE UTILIZATION OF KETONE BODIES BY MOUSE ADIPOSE TISSUE,
AD-629 317 6A T 66 08

ZOTOV, A. N.
TASHKENT IN THE SIXTH FIVE-YEAR PLAN,
AD-628 840 8F T 66 07 HC$ 1.10 MF$ 0.50

ZOTTER, BRUNO
BEAM NOISE REDUCTION IN HIGH MAGNETIC FIELDS,
AD-629 516 17B T 66 08

ZVONKOVA, T. V.
THE PHYSIOGEOGRAPHIC ZONING OF THE IRRIGABLE AREA OF CENTRAL ASIA,
AD-628 530 8F T 66 07 HC$ 1.00 MF$ 0.50

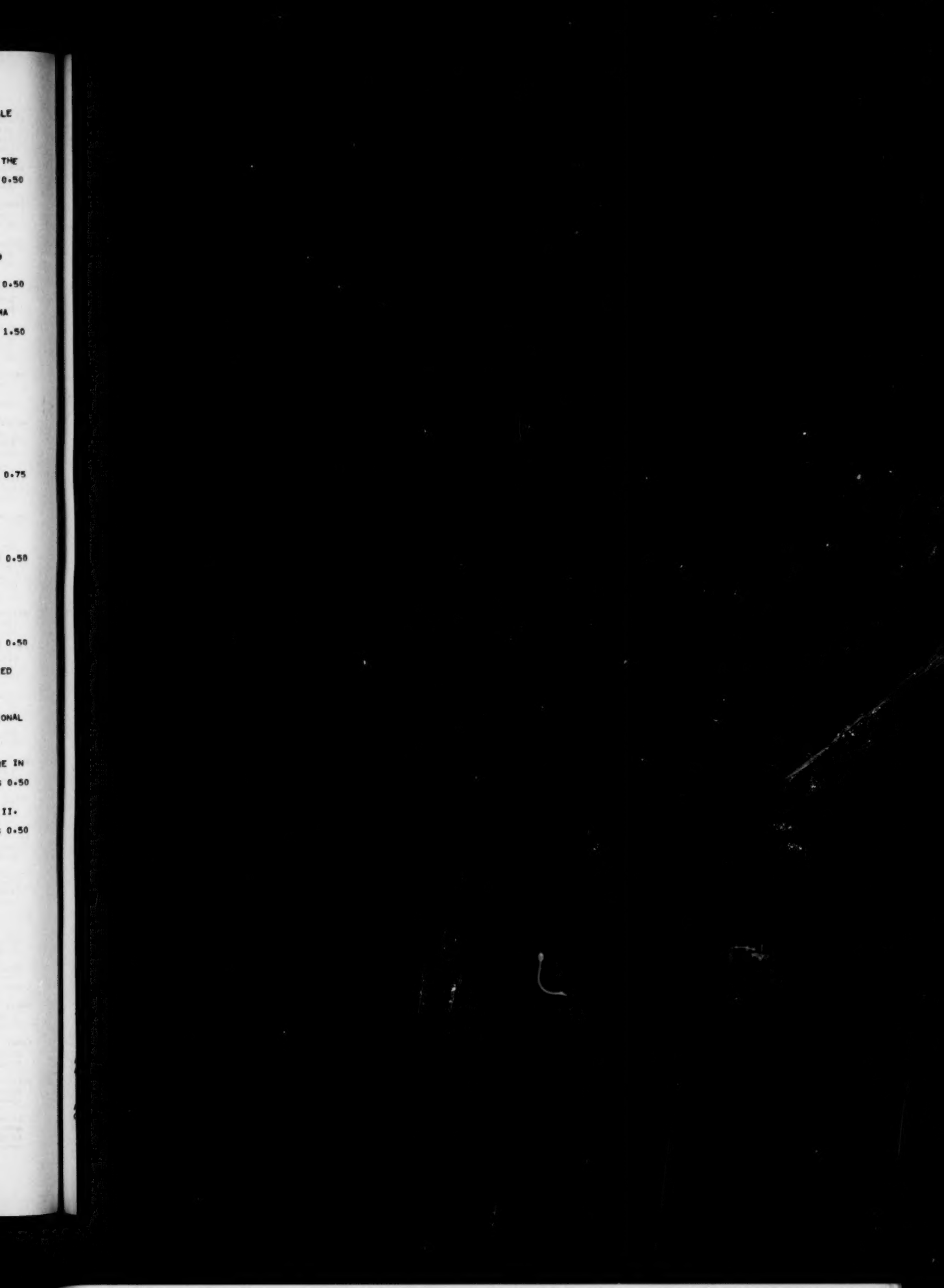
ZWEIG, GUNTER
ON THE OXIDATION-REDUCTION POTENTIAL OF THE PHOTOPRODUCED REDUCTANT OF ISOLATED CHLOROPLASTS,
AD-629 288 6A T 66 08

ZWICKY, ARNOLD M.
THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS,
AD-629 455 5G T 66 08

ANDERSON.
TEST OF A TRUSS-CORE SANDWICH CYLINDER LOADED TO FAILURE IN BENDING.
N66-13021 J20K,U 41 07 HC$ 2.00 MF$ 0.50

FUJITA.
CONNECTED-DIAGRAM EXPANSION OF TRANSPORT COEFFICIENTS, II. QUANTUM GAS OBEYING CLASSICAL STATISTICS.
AD-628 248 S20J,T 66 07 HC$ 2.00 MF$ 0.50

L.
THREE DIMENSIONAL POTENTIAL FLOW. COMPUTER PROGRAM.
PB-169 328 R 9B,U 41 07 HC$47.00



ACF
U
A

ADV
S
A

ADV
L
C
A

AEC
GRC
R
D
N

AEF
C
F
A

T
I
A

K
D
A

K
M
A

E
K
A

C
A

AEF
A
A

AEF
STR
R
N

AEF
R
I
A

AEF
T
N
N

AEF
I
A

R
K
A

A
M
A

U
I
A

AEF
U
A

AEF
C
K

AEF
A
K
A

AEF
C
A

AEF
C
A

AEF
AFI
R
A

AEF
OH
T
R
A

CORPORATE AUTHOR INDEX

ACF INDUSTRIES, INC., ALBUQUERQUE, N. MEX.
ULTRASONIC TESTING.
ACF-4 13H U 41 07 HC$ 1.00 MF$ 0.50

ADVANCED KINETICS, INC., COSTA MESA, CALIF.
STUDIES ON THE INTERACTION OF LIGHT AND PARTICLE BEAMS.
AD-628 044 20F T 66 07 HC$ 1.00 MF$ 0.50

ADVANCED RESEARCH PROJECTS AGENCY, WASHINGTON, D. C.
LARGE APERTURE SEISMIC ARRAY. LASA SYSTEMS EVALUATION CONFERENCE (1ST) SEPTEMBER 11-13, 1965.
AD-628 901 8K T 66 08 HC$ 6.00 MF$ 1.50

AEC, WASHINGTON, D. C. NUCLEAR CROSS SECTIONS ADVISORY GROUP.
REPORTS TO THE AEC NUCLEAR CROSS SECTIONS ADVISORY GROUP AT DUKE UNIVERSITY, OCTOBER 13-14, 1965.
WASH-1064 20H U 41 08 HC$ 6.00 MF$ 1.25

AEROCHEM RESEARCH LABS., INC., PRINCETON, N. J.
CONTRIBUTIONS TO THE THEORY OF INTERFACIAL RATE PROCESSES IN FLOW SYSTEMS.
AD-628 132 20D T 66 07 HC$ 1.60 MF$ 0.50

THE OXIDATION OF PYROLYTIC GRAPHITE AT TEMPERATURES OF 1400-1800F AND AT AIR VELOCITIES OF 25-100 CM/SEC.
AD-628 276 11B T 66 07

HIGH-TEMPERATURE KINETICS OF GRAPHITE OXIDATION BY DISSOCIATED OXYGEN.
AD-628 282 11B T 66 07

KINETIC AND AERODYNAMIC ASPECTS OF THE OXIDATION OF MATERIALS BY PARTIALLY DISSOCIATED GASES.
AD-628 515 11B T 66 07 HC$ 2.60 MF$ 0.50

ENHANCED CHEMICAL ENERGY TRANSPORT EFFECTS ON CONVECTIVE HEAT FLUXES IN THE HYDROGEN-OXYGEN SYSTEM.
AD-629 247 20M T 66 08

CHEMICAL SCAVENGER PROBES IN NONEQUILIBRIUM GASDYNAMICS.
AD-629 248 20D T 66 08

AEROJET-GENERAL CORP., AZUSA, CALIF.
A MODEL FOR LOW-PRESSURE EXTINCTION OF SOLID ROCKET MOTORS.
AD-629 026 21H T 66 08

AEROJET-GENERAL CORP., AZUSA, CALIF. CHEMICAL AND STRUCTURAL PRODUCTS DIV.
RESEARCH ON PROCESSES FOR UTILIZATION OF LUNAR RESOURCES.
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75

AEROJET-GENERAL CORP., DAYTON, OHIO.
PROCEEDINGS OF THE CONFERENCE ON ATMOS- PHERIC CONTAMINATION IN CONFINED SPACES, 30 MARCH-1 APRIL 1965.
AD-629 622 6K T 66 08 HC$ 7.00 MF$ 1.50

AEROMEDICAL RESEARCH LAB. (6571 ST). HOLLOMAN AFB, N. MEX.
THE EFFECT ON THE CHIMPANZEE OF RAPID DECOMPRESSION TO A NEAR VACUUM.
N65-36768 6S U 41 07 HC$ 4.00 MF$ 0.75

AEROMEDICAL RESEARCH LAB. (6571ST), HOLLOMAN AFB, N. MEX.
ISONIAZID THERAPY IN THE CHIMPANZEE.
AD-629 076 6O T 66 08 HC$ 2.60 MF$ 0.50

FEASIBILITY STUDY: LATERAL IMPACT WITH STANDARD AIRCRAFT HARNESS CONFIGURATION.
AD-629 077 13L T 66 08 HC$ 2.60 MF$ 0.50

AN INVESTIGATION OF VISION DURING INVOLUNTARY SACCADIC EYE MOVEMENTS.
AD-629 078 6P T 66 08 HC$ 2.00 MF$ 0.50

URINARY EXCRETION OF VANILMANDELIC ACID AFTER PLUS GX IMPACT IN HUMANS.
AD-629 198 6S T 66 08 HC$ 1.00 MF$ 0.50

AERONAUTICAL CHART AND INFORMATION CENTER, ST. LOUIS, MO.
LUNAR RELIEF MODELS.
AD-628 832 3B T 66 07 HC$ 2.00 MF$ 0.50

AERONAUTICAL RESEARCH ASSOCIATES OF PRINCETON, INC., N. J.
COMMUNICATION PROBABILITIES FOR ORDERLYSPACED SATELLITES.
N66-10317 17B U 41 07 HC$ 2.00 MF$ 0.50

AERONUTRONIC DIV., PHILCO CORP., NEWPORT BEACH, CALIF.
APPLICABILITY OF OLFACTORY TRANSDUCERS TO THE DETECTION OF HUMAN BEINGS.
AD-628 245 6C T 66 07 HC$ 1.00 MF$ 0.50

AEROSPACE CORP., SAN BERNARDINO, CALIF.
COMPUTER STUDY OF A DIVERSITY AUGMENTED, VEHICULAR, RADIO COMMUNICATION SYSTEM IN A MANMADE NOISE ENVIRONMENT.
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50

AEROSPACE MEDICAL DIV., AIR FORCE SYSTEMS COMMAND, BROOKS AFB, TEX.
FOREIGN DEVELOPMENTS IN SURGICAL TRANSPLANTATION.
AD-628 763 6E T 66 07 HC$ 3.00 MF$ 0.75

AEROSPACE MEDICAL RESEARCH LABS., WRIGHT-PATTERSON AFB, OHIO.
THE EFFECT OF INJECTED MONOMETHYLHYDRAZINE ON PRIMATE PERFORMANCE.
AD-628 048 6T T 66 07 HC$ 1.00 MF$ 0.50

ON NOISE AND VIBRATION EXPOSURE CRITERIA.
AD-628 175 6J T 66 07

HUMAN PERFORMANCE AS A FUNCTION OF CHANGES IN ACOUSTIC NOISE LEVELS.
AD-628 198 5J T 66 07 HC$ 1.60 MF$ 0.50

EFFECTS OF VARIOUS GASES ON HANDGEAR INSULATION.
AD-628 367 6Q T 66 07 HC$ 1.60 MF$ 0.50

LOW AMBIENT PRESSURE ENVIRONMENTS AND TOXICITY. A NEW APPROACH TO SPACE CABIN TOXICOLOGY.
AD-628 566 6K T 66 07

BEHAVIOR OF SERUM LACTIC DEHYDROGENASE IN MEN EXPOSED TO BRIEF, INTENSE THERMAL IMPULSES.
AD-628 567 6S T 66 07

FEASIBILITY OF USING HANDRAILS TO MOVE ALONG A SURFACE WHILE WEIGHTLESS.
AD-628 596 22A T 66 07 HC$ 1.60 MF$ 0.50

FREE FATTY ACID RESPONSES TO TILTING AFTER WATER IMMERSION.
AD-628 674 6S T 66 07

AEROSPACE RESEARCH LABS., OFFICE OF AEROSPACE RESEARCH, WRIGHT-PATTERSON AFB, OHIO.
DEVELOPMENT AND OPERATION OF AN ELECTRICAL-RESISTANCE AIR HEATER FOR THE ARL TWENTY-INCH HYPERSONIC WIND TUNNEL.
AD-628 614 14B T 66 07 HC$ 6.60 MF$ 0.75

PITOT AND STATIC PRESSURE MEASUREMENTS IN THE SEPARATED REGION OF SPIKED CYLINDER IN HYPERSONIC FLOW.
AD-628 683 20D T 66 07 HC$ 3.00 MF$ 0.75

ATOMIC WAVE FUNCTIONS, COLLISION CROSS-SEC- TIONS, AND TRANSITION PROBABILITIES OF FE IONS.
AD-629 437 3B T 66 08

OZONE! A NEW CLEAVAGE REAGENT FOR ORGANOSILANES.
AD-629 485 7C T 66 08

CONCERNING THE VALUE OF A DEFINITE INTEGRAL.
AD-629 486 12A T 66 08

ON DIRECT SUMS AND TENSOR PRODUCTS OF LINEAR PROGRAMS.
AD-629 487 12B T 66 08

A STUDY OF SILICON DETERMINATION IN ORGANOSILICON COMPOUNDS BY X-RAY FLUORESCENCE WITH VACUUM SPECTROGRAPH.
AD-629 488 7C T 66 08

PHOTOREACTIVE STATE OF ACRIDINE IN SOLUTION.
AD-629 489 7E T 66 08

DEFECT STRUCTURE AND ELECTRICAL PROPERTIES OF SOME REFRACTORY METAL OXIDES.
AD-629 490 11B T 66 08

SYNTHESIS OF UNSYMMETRICAL AZOALKANES FROM ACYLALKYLHYDRAZONES AND 1,2-DIALKYLHYDRAZINES.
AD-629 492 7C T 66 08

A STUDY OF HOMOGENEITY OF SOLID SOLUTIONS OF CADMIUM SULFIDE AND CADMIUM SELENIDE BY X-RAY FLUORESCENCE.
AD-629 493 20L T 66 08

AEROSPACE TECHNOLOGY DIV., LIBRARY OF CONGRESS, WASHINGTON, D. C.
LIQUID AND SOLID PROPELLANTS TECHNOLOGY: COMPILATION OF ABSTRACTS.
AD-628 166 21I T 66 07 HC$ 4.00 MF$ 1.00

CBE FACTORS: MONTHLY SURVEY NO. 1.
AD-628 294 6F T 66 07 HC$ 3.00 MF$ 0.75

CBE FACTORS: ANNOTATED BIBLIOGRAPHY.
AD-628 553 6M T 66 07 HC$ 4.60 MF$ 0.50

CBE FACTORS: MONTHLY SURVEY NO. 2.
AD-628 848 6F T 66 07 HC$ 3.00 MF$ 0.75

ELECTROMAGNETIC AND ELECTROSTATIC GENERATORS: ANNOTATED BIBLIOGRAPHY.
AD-629 476 19B T 66 08 HC$ 2.00 MF$ 0.50

CHEMISTRY OF RARE EARTH AND ACTINIDE DERIVATIVES TETRAPYRROL PIGMENT DERIVATIVES OF RARE EARTH ELEMENTS AND ACTINIDES: ANALYTICAL SURVEY.
AD-629 515 7C T 66 08 HC$ 2.00 MF$ 0.50

AEROSPACETECHNOLOGY DIV., LIBRARY OF CONGRESS, WASHINGTON, D. C.
FOREIGN SCIENCE BULLETIN VOL. 2, NO. 2.
AD-628 946 5A T 66 08 HC$ 3.00 MF$ 0.75

AGBABIAN-JACOBSEN ASSOCIATES, LOS ANGELES, CALIF.
STUDY OF GROUND MOTIONS FOR SIMULATION BY SHOCK TESTING MACHINE.
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00

AGRICULTURAL RESEARCH SERVICE, WASHINGTON, D. C.
VEGETATION OF SOUTHEAST ASIA STUDIES OF FOREST TYPES 1963-1965.
AD-629 181 2F T 66 08 HC$30.90 MF$ 1.50

AIR FORCE ACADEMY, COLO.

AIR FORCE ACADEMY RESEARCH BULLETIN, VOLUME 6.
AD-628 257 5A T 66 07 HC$ 3.00 MF$ 0.75

AIR FORCE AERO-PROPULSION LAB., WRIGHT-PATTERSON AFB, OHIO.
AN ANALYSIS OF RADIOISOTOPE POWERED THRUSTORS FOR SPACE PROPULSION.
AD-625 715 18N U 41 07 HC$ 1.00

AIR FORCE CAMBRIDGE RESEARCH LABS., H. G. HANSCOM FIELD, MASS.
THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. I. KINETICS OF HIGH-TEMPERATURE AIR IN THE PRESENCE OF AN ELECTROMAGNETIC FIELD.
AD-628 906 20I T 66 08

THE NONLINEAR INTERACTION OF A RADIOFREQUENCY WAVE WITH AN INHOMOGENEOUS PLASMA SLAB. II. NONLINEAR REFLECTION AND TRANSMISSION COEFFICIENTS OF AN INHOMOGENEOUS PLASMA SLAB.
AD-628 910 20I T 66 08

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. HANSCOM FIELD, MASS. OPTICAL PHYSICS LAB.
OZONE ABSORPTION IN THE 9.0 MICRON REGION.
AD-628 059 7D T 66 07 HC$ 3.00 MF$ 0.75

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. HANSCOM FIELD, MASS. SPACE PHYSICS LAB.
SATELLITE SCINTILLATIONS OBSERVED DURING THE JULY 1963 SOLAR ECLIPSE.
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50

AIR FORCE CAMBRIDGE RESEARCH LABS., L. G. HANSCOM FIELD, MASS.
AN ANOMALY IN THE RESISTIVITY-TEMPERATURE PROFILE OF ULTRAPURE PHENANTHRENE.
AD-628 634 20L T 66 07

CAVITY RESONANCES IN ACCELERATED SYSTEMS.
AD-628 635 9A T 66 07

IMPROVED METHOD FOR QUANTUM MECHANICAL THREE-BODY PROBLEMS. I. ATTRACTIVE POTENTIALS.
AD-628 636 20J T 66 07

FORM OF THE ELECTRON DISTRIBUTION FUNCTION IN A TIME-VARYING PLASMA.
AD-628 637 20I T 66 07

A STUDY OF THE NIGHTTIME IONOSPHERE AND ITS REACTION RATES.
AD-628 767 4A T 66 07

BIBLIOGRAPHY OF LUNAR AND PLANETARY RESEARCH-1960-1964.
AD-628 792 3A T 66 07 HC$ 8.30 MF$ 2.25

FAULT PLANE FEATURES: AN ALTERNATIVE EXPLANATION.
AD-628 798 8G T 66 07

NIGHTGLOW 5577 A (OI) LIKE KINETIC TEMPERATURES.
AD-628 799 4A T 66 07

THE LUNAR CRATER DIONYSIUS.
AD-628 800 3A T 66 07

COMPUTER SOLUTIONS OF THE FORCED PHYSICAL LIBRATIONS OF THE MOON.
AD-628 801 3C T 66 07

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME I.
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75

A VERIFICATION OF THE USE OF THE EFFECTIVE VERTICALLY INTEGRATED STANDARD DEVIATION OF THE WIND IN ESTIMATING DISPERSION OF VERTICALLY RISING BALLOONS.
AD-628 875 1A T 66 07 HC$ 3.60 MF$ 0.50

STRATOSPHERIC TEMPERATURE VARIATIONS, 25 TO 55 KILOMETERS, AT LATITUDE 15 DEGREES N.
AD-628 903 4B T 66 08

MATRIX CRITERIA FOR ARBITRARY RELIABILITY IN ITERATED NEURAL NETS.
AD-628 909 9B T 66 08

ABSORPTION SPECTRA OF H2 IN THE VACUUM -ULTRAVIOLET REGION. III. POTENTIAL-ENERGY CURVES FOR THE B SINGLET-SIGMA(PLUS)U, C SINGLET-PIU, B SINGLET-SIGMA(PLUS)U, AND D SINGLET-PIU STATES.
AD-628 912 20H T 66 08

EVALUATION OF INFRARED EMISSION OF CLOUDS AND GROUND AS MEASURED BY WEATHER SATELLITES.
AD-629 081 4A T 66 08 HC$ 4.00 MF$ 0.75

COMPARISONS OF POWER SPECTRUMS OF ARTIFICIAL TIME SERIES WITH SPECTRUM OF A SOLAR PLAGE INDEX.
AD-629 114 3B T 66 08

A GEOLOGICAL MODEL OF MARE HUMORUM.
AD-629 116 3A T 66 08

THE GENERAL CIRCULATION OF THE SOLAR ATMOSPHERE AND THE MAINTENANCE OF THE EQUATORIAL ACCELERATION.
AD-629 117 3C T 66 08

METHODS FOR IDENTIFYING SEVERE THUNDERSTORMS BY RADAR: A GUIDE AND BIBLIOGRAPHY.
AD-629 118 4B T 66 08

TIME AND ALTITUDE DEPENDENCE OF 55-MEV TRAPPED PROTONS, AUGUST 1961 TO JUNE 1964.
AD-629 119 4A T 66 08

EFFECTS OF ROCKET OUTGASSING ON RF EXPERIMENTS.
AD-629 120 20I T 66 08

TIME DELAYS BETWEEN THE INTENSITY VARIATIONS OF THE 3914 A AND 5577 A SPECTRAL LINES IN ARTIFICIAL AURORAS.
AD-629 121 4A T 66 08

VERTICAL VELOCITY FLUCTUATIONS IN A NOCTURNAL LOW-LEVEL JET.
AD-629 588 4B T 66 08

GEOPHYSICS AND SPACE DATA BULLETIN, VOLUME II: NUMBER 3.
AD-629 696 4A T 66 08 HC$ 6.00 MF$ 1.25

RARE GAS CONTINUUM LIGHT SOURCES FOR PHOTOELECTRIC SCANNING IN THE VACUUM ULTRAVIOLET.
AD-629 710 20F T 66 08

ON THE INVARIANTS OF A VECTOR SUBSPACE OF A VECTOR SPACE OVER A FIELD OF CHARACTERISTIC TWO.
AD-629 712 12A T 66 08

OXYGEN COORDINATES OF COMPOUNDS WITH GARNET STRUCTURE.
AD-629 713 20B T 66 08

PHONON GENERATION BY MAGNETIC FILMS.
AD-629 714 20C T 66 08

DISAPPEARANCE OF MAGNETOCRYSTALLINE ANISOTROPY EFFECTS ON SPIN RESONANCE OF YIG.
AD-629 716 20L T 66 08

AIR FORCE CAMBRIDGE RESEARCH LAB., L. G. HANSCOM FIELD, MASS.
INTERACTION BETWEEN CHLOROPHYLL AND HYDROQUINONE.
AD-628 905 6A T 66 08

MERRIHUEITE, A NEW ALKALI-FERROMAGNESIAN SILICATE FROM THE MEZO-MADARAS CHONDRITE.
AD-628 913 8G T 66 08

AIR FORCE FLIGHT DYNAMICS LAB., WRIGHT-PATTERSON AFB, OHIO.
INFLATABLE STRUCTURE TEST PROGRAM.
AD-628 050 13M T 66 07 HC$ 2.00 MF$ 0.50

AIR FORCE INST OF TECH., WRIGHT-PATTERSON AFB, OHIO. SCHOOL OF ENGINEERING.
ESTABLISHING RELIABILITY REQUIREMENTS FOR MILITARY WEAPON SYSTEMS AND EQUIPMENT.
AD-628 100 14D T 66 07 HC$ 6.60 MF$ 0.75

AIR FORCE INST. OF TECH., WRIGHT-PATTERSON AFB, OHIO. SCHOOL OF ENGINEERING.
TURBOJET ENGINE PROCUREMENT COST ESTIMATING RELATIONSHIPS.
AD-628 057 15E T 66 07 HC$ 3.00 MF$ 0.75

KINGSTON FORTRAN II LIBRARY SUBPROGRAMS AS SIMULATION AIDS.
AD-628 335 9B T 66 07 HC$10.60 MF$ 0.75

ON REGRESSION TECHNIQUES FOR ESTIMATING THE PARAMETERS OF WEIBULL CUMULATIVE DISTRIBUTIONS.
AD-628 336 12B T 66 07 HC$ 5.60 MF$ 0.50

AIR FORCE INST. OF TECH., WRIGHT-PATTERSON AFB, OHIO. SCHOOL OF ENGINEERING.
EVALUATION OF CONTRACTOR'S PERT-TIME ESTIMATING ABILITY.
AD-628 058 5A T 66 07 HC$ 3.00 MF$ 0.75

A COST ESTIMATING RELATIONSHIP FOR PETROLEUM-OIL-LUBRICANTS COSTS.
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75

DOD PROGRAMMING SYSTEM. AN EXPLANATION AND EVALUATION.
AD-628 101 5A T 66 07 HC$16.00 MF$ 1.00

AN ANALYSIS OF THE ECONOMIC RISK OF THE EXPONENTIAL ASSUMPTION IN RELIABILITY TESTING.
AD-628 102 14D T 66 07 HC$ 8.60 MF$ 0.75

AIR FORCE MATERIALS LAB., WRIGHT-PATTERSON AFB, OHIO.
SOME ASPECTS OF THE ANALYSIS OF DAMPING AND VIBRATIONS IN SIMPLE STRUCTURES.
AD-628 279 13M T 66 07 HC$ 6.00 MF$ 1.25

THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION SPECTRUM OF BORON.
AD-628 382 7D T 66 07 HC$ 1.60 MF$ 0.50

PLASMA ARC STUDIES FOR ALLOY ANALYSIS.
AD-629 068 11F T 66 08 HC$ 1.00 MF$ 0.50

THE EFFECT OF CHEMICAL COMBINATION ON THE SOFT X-RAY K EMISSION BANDS OF NITROGEN AND CARBON.
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50

THEORETICAL STUDIES ON THE DEGRADATION OF LADDER POLYMERS. PART II. VAPORIZATION STUDIES.
AD-629 740 7C T 66 08 HC$ 5.60 MF$ 0.75

AIR FORCE OFFICE OF SCIENTIFIC RESEARCH, WASHINGTON, D. C.
THE IMPORTANCE OF PROPERLY DESCRIBING THE OBJECTIVES OF THE AFOSR PROGRAM.
AD-628 527 5A T 66 07 HC$ 1.60 MF$ 0.50

THE FUNDAMENTAL RESEARCH ACTIVITY IN A TECHNOLOGY-DEPENDENT ORGANIZATION.
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75

AIR FORCE WEAPONS LAB., KIRTLAND AFB, N. MEX.
ANGULAR DEPENDENCE OF SURFACE SCATTERED LASER RADIATION.

AD-628 295 20E T 66 07 HC$ 2.00 MF$ 0.50

SIMULATION DEVICES FOR USE IN STUDIES OF PROTECTIVE CONSTRUCTION.
AD-629 607 18F T 66 08 HC$ 6.00 MF$ 1.25

AIR MATERIEL COMMAND, WRIGHT-PATTERSON AFB, OHIO. OFFICE OF AIR RESEARCH.
LINEAR NOISE FILTERING AND PREDICTING SYSTEMS,
PR-1b9 144 9D U 41 08 HC$ 1.00 MF$ 0.50

AIR PROVING GROUND CENTER, EGLIN AFB, FLA.
PERFORMANCE EVALUATION OF APPRENTICE AIRCRAFT ELECTRONIC NAVIGATION EQUIPMENT REPAIRMEN (GENERAL) (GRADUATES OF ATC COURSE NO. ABR30131),
AD-466 126 5I U 41 07 HC$ 2.00 MF$ 0.50

AIRBORNE INSTRUMENTS LAB., INC., DEER PARK, N. Y.
MICROMINIATURIZED MTI GROUP AN/GPA (XW-2).
AD-629 601 17I T 66 08 HC$ 3.00 MF$ 0.75

AIRFORCE INST. OF TECH., WRIGHT-PATTERSON AFB, OHIO. SCHOOL OF ENGINEERING.
MEASUREMENT OF ELECTRICAL PROPERTIES OF HIGH TEMPERATURE RADOME MATERIALS BY MEANS OF THE XB 3000A DIELECTROMETER.
AD-629 454 17I T 66 08 HC$ 4.00 MF$ 1.00

ALABAMA UNIV., HUNTSVILLE. RESEARCH INST.
APPROXIMATE METHODS FOR THE COMPUTATION OF WAVE PROPAGATION IN NONUNIFORM MEDIA,
N65-31137 20N U 41 07 HC$ 2.00 MF$ 0.50

ALABAMA UNIV., UNIVERSITY. BUREAU OF ENGINEERING RESEARCH.
COMPARISON OF SEVERAL ANALYTICAL SOLUTIONS TO THE SHEAR LAG PROBLEM WITH EXPERIMENTAL DATA.
N66-12976 20K U 41 08 HC$ 3.00 MF$ 0.75

ALABAMA UNIV., UNIVERSITY. DEPT. OF PHYSICS.
ESR OF X-IRRADIATED SILVER NITRATE,
AD-629 663 7D T 66 08

ALBAMA UNIV., HUNTSVILLE. RESEARCH INST.
INVISCID HIGH TEMPERATURE HYPERSONIC FLOW OF AIR PAST POINTED BODIES OF REVOLUTION.
AD-467 786 20D U 41 08 HC$ 2.00 MF$ 0.50

ALBERT EINSTEIN MEDICAL CENTER, PHILADELPHIA, PA.
EFFECT OF PROLONGED HYPOTHERMIA ON THE HEART AND LIVER.
AD-629 067 6S T 66 08 HC$ 1.10 MF$ 0.50

ALBERTA UNIV., EDMONTON. DEPT. OF CHEMISTRY.
OXIDATION OF HYDROGEN ON NICKEL ELECTRODES IN SODIUM HYDROXIDE SOLUTION.
AD-628 250 7B T 66 07

ALBUQUERQUE OPERATIONS OFFICE (AEC), N. MEX.
ALO STANDARD STRUCTURE FOR MANAGERIAL DATA,
ALO-1 5A U 41 08 HC$ 3.00 MF$ 0.75

ALFRED P. SLOAN SCHOOL OF MANAGEMENT, MASS. INST. OF TECH., CAMBRIDGE.
RESEARCH PROGRAM ON THE ORGANIZATION AND MANAGEMENT OF R AND D. PROBLEM SOLVING STRATEGIES IN PARALLEL RESEARCH AND DEVELOP- MENT PROJECTS,
N66-10635 14A U 41 08 HC$ 2.00 MF$ 0.50

ALFRED P. SLOAN SCHOOL OF MANAGEMENT. MASS. INST. OF TECH., CAMBRIDGE.
CONTINUITY AND OPENNESS IN HIGH ENERGY PHYSICS GROUPS,
N66-12994 5J U 41 08 HC$ 1.00 MF$ 0.50

ALFRED P. SLOAN SCHOOL OF MANAGEMENT. MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
RESEARCH PROGRAM ON THE ORGANIZATION AND MANAGEMENT OF RESEARCH AND DEVELOPMENT. QUESTIONING THE COST/EFFECTIVENESS OF THE R AND D PROCUREMENT PROCESS,
N66-10633 14A U 41 08 HC$ 2.00 MF$ 0.50

ALLIED RESEARCH ASSOCIATES, INC., CONCORD, MASS.
A PHOTOMECHANICAL INVESTIGATION OF THE ALGOL SOLID PROPELLANT ROCKET MOTOR NOZZLE.
N66-10671 21H U 41 08 HC$ 3.00 MF$ 0.75

ALLIS-CHALMERS MFG. CO. ATOMIC ENERGY DIV. BETHESDA, MD.
LA CROSSE BOILING WATER REACTOR FINAL PHYSICS DESIGN REPORT,
ACNP-64545 18L U 41 08 HC$ 2.00 MF$ 0.50

ALLIS-CHALMERS MFG. CO., BETHESDA, MD. ATOMIC ENERGY DIV.
ESH-4 TEST PROGRAM. REPORT ON FUEL ELEMENTS IRRADIATED IN THE E-SADE LOOP OF THE VALLECITOS BOILING WATER REACTOR,
ACNP-65006 18J U 41 07 HC$ 4.00 MF$ 0.75

ALLIS-CHALMERS MFG. CO., MILWAUKEE, WIS. SPACE AND DEFENSE SCIENCES DEPT.
DESIGN OF HYDROGEN-OXYGEN CAPILLARY TYPE FUEL CELL.
AD-628 129 10B T 66 07 HC$ 2.60 MF$ 0.50

ALLIS-CHALMERS MFG. CO., WASHINGTON, D. C. NUCLEAR POWER DEPT.
LARGE FAST REACTOR DESIGN STUDY.
ACNP-63580 18I U 41 07 HC$ 1.00 MF$ 0.50

AMERICAN CYANAMID CO., STAMFORD, CONN.
DEVELOPMENT OF HIGH-PERFORMANCE LIGHT-WEIGHT ELECTRODES FOR HYDROGENOXYGEN FUEL CELLS.
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50

AMERICAN INSTITUTES FOR RESEARCH, SILVER SPRING, MD.
INTERACTION OF ABILITY AND MOTIVATION IN PERFORMANCE,
AD-628 244 5J T 66 07

AMERICAN METEOROLOGICAL SOCIETY, BOSTON, MASS.
THE MAXIMUM RANGE OF RADAR DETECTION OF SHOWERS.
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50

DIFFUSION OF A FULLY IONIZED PLASMA ACROSS A MAGNETIC FIELD.
AD-628 968 20I T 66 08 HC$ 1.00 MF$ 0.50

SIX-J COEFFICIENTS WITH NEGATIVE PARAMETERS.
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50

THE RELATION BETWEEN THE THERMODYNAMIC STATE OF THE ATMOSPHERE AND RADAR ECHOES FROM A CLEAR SKY.
AD-628 971 4A T 66 08 HC$ 1.00 MF$ 0.50

NON-STATIONARY TURBULENT REGIME IN THE SURFACE LAYER OF THE ATMOSPHERE.
AD-628 972 4B T 66 08 HC$ 1.00 MF$ 0.50

THE STRUCTURE OF THE WIND-VELOCITY AND TEMPERATURE FIELDS IN THE ATMOSPHERIC SURFACE BOUNDARY LAYER.
AD-628 973 4B T 66 08 HC$ 2.00 MF$ 0.50

THE COORDINATE-DOPPLER METHOD OF WIND OBSERVATION.
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50

DISTRIBUTION OF WATER CONTENT IN CU CONG MODIFIED TO PRODUCE PRECIPITATION.
AD-629 007 4B T 66 08 HC$ 1.00 MF$ 0.50

SPECIAL FEATURES OF THE RADAR CHARACTERISTICS OF THUNDERSTORM CLOUDS.
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50

NUMERICAL METHODS FOR SOLVING WEATHERFORECASTING AND CLIMATE-THEORY PROBLEMS, PART I.
AD-629 009 4B T 66 08 HC$ 4.00 MF$ 0.75

PROPERTIES OF THE RADAR ECHO IN SOUNDING OF CU CLOUDS OF SMALL VERTICAL EXTENT.
AD-629 010 4B T 66 08 HC$ 1.00 MF$ 0.50

AMERICAN RADIATOR AND STANDARD SANITARY CORP. ADVANCED TECHNOLOGY LABS. DIV., MOUNTAIN VIEW, CALIF.
INVESTIGATION OF THERMAL-STRESS-FATIGUE BEHAVIOR OF STAINLESS STEELS.
ATL-A-143 11F U 41 07 HC$ 1.00 MF$ 0.50

ATL-A-144 11F U 41 07 HC$ 4.00 MF$ 1.00

AMERICAN SCIENCE AND ENGINEERING, INC., CAMBRIDGE, MASS.
MEASUREMENTS OF LOW ENERGY ELECTRON PRECIPITATIONS ASSOCIATED WITH AURORAL DISTURBANCES AND TRAPPED RADIATION BELTS.
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00

AMES LAB., IOWA STATE STATE UNIV. OF SCIENCE AND TECH.
LOCALIZED SELF-CONSISTENT FIELD ORBITALS IN ATOMS AND MOLECULES,
IS-1107 20H U 41 07 HC$ 1.00 MF$ 0.50

AMES LAB., IOWA STATE UNIV. OF SCIENCE AND TECH.
ANALYSIS OF A DAMASCUS STEEL BY NEUTRON AND GAMMA ACTIVATION,
IS-1105 7E U 41 07 HC$ 1.00 MF$ 0.50

CATALOG OF NUCLEAR QUADRUPOLE INTERACTIONS AND RESONANCE FREQUENCIES IN SOLIDS. PART II. HALOGEN RESONANCES IN ORGANIC COMPOUNDS,
IS-1222 7C U 41 07 HC$ 4.00 MF$ 0.75

APPLICATION OF GIBBS-DUHEM EQUATION TO BINARY VAPOR-LIQUID EQUILIBRIUM DATA OF METAL SYSTEMS USING NEWTONS INTERPOLATION FORMULAE,
IS-1241 7D U 41 07 HC$ 2.00 MF$ 0.50

ANACONDA CO., BUTTE, MONT.
NUCLEAR MINING FEASIBILITY STUDY.
UCRL-13104 18C U 41 07 HC$ 3.00 MF$ 0.75

ANALYTIC SERVICES, INC., FALLS CHURCH, VA.
TRANSFERABILITY OF RESEARCH AND DEVELOPMENT SKILLS IN THE AEROSPACE INDUSTRY.
AD-628 544 5I T 66 07 HC$ 4.00 MF$ 1.00

APPLIED PSYCHOLOGICAL SERVICES, WAYNE, PA.
PERSONNEL PSYCHOPHYSICS,
AD-628 241 5J T 66 07

ARCOS, S. A., BRUSSELS (BELGIUM).
A STUDY ON RESIDUAL STRESSES GENERATED BY THE UPWARD VERTICAL WELDING PROCESS.
EURAEC-1097 13H U 41 07 HC$ 4.00 MF$ 0.75

ARCTIC AEROMEDICAL LAB., FORT WAINWRIGHT, ALASKA.
CNU-1/P SUSTENANCE KIT MODIFICATION (T-33).
AD-629 347 6G T 66 08 HC$ 1.60 MF$ 0.50

INFRARED THERMOGRAPHY OF SUBJECTS IN DIVERSE ENVIRONMENTS.
AD-629 348 6F T 66 08 HC$ 1.00 MF$ 0.50

ARCTIC INST. OF NORTH AMERICA, WASHINGTON, D. C.
BODY MOISTURE AND THE OPERATING LIFE OF IMPLANTABLE HEART RATE TRANSMITTERS,
AD-628 262 6B T 66 07

ARECIBE IONOSPHERIC OBSERVATORY, PUERTO RICO.
INDEX OF REFRACTION SURFACES FOR PLASMA WAVES,
AD-628 273 20I T 66 07

ARECIBO IONOSPHERIC OBSERVATORY, PUERTO RICO.
LUNAR RADAR REFLECTIONS,

AD-628 197 38 T 66 07 HC$ 1.60 MF$ 0.50

INCOHERENT SCATTER OBSERVATIONS OF TRAVELING IONOSPHERIC DISTURBANCES,
AD-628 272 4A T 66 07

A RADAR DETERMINATION OF THE ROTATION OF THE PLANET MERCURY,
AD-629 334 3C T 66 08

OCCULTATION OF TAURUS-A BY THE SOLAR CORONA AT 430 MC/S IN JUNE 1964,
AD-629 338 3B T 66 08

ARECIBO RADAR-RADIO TELESCOPE-DESIGN AND CONSTRUCTION,
AD-629 468 9E T 66 08

ARGONNE NATIONAL LAB., ILL.
ELECTRON PHASES IN CERTAIN TERNARY ALLOYS OF TRANSITION METALS WITH SILICON,
AD-628 649 11F T 66 07

TERMINAL REPORT FOR THE MARK IV (PLUTON- IUM) LOADING IN EBR-I,
ANL-6865 18I U 41 08 HC$ 3.00 MF$ 0.75

LIQUID MHD POWER CYCLE STUDIES,
ANL-6954 20I U 41 08 HC$ 3.00 MF$ 0.75

PHASE STUDIES OF U20W/O PU-FS ALLOYS,
ANL-6974 18J U 41 08 HC$ 2.00 MF$ 0.50

THE ARGONNE-REVISED THERMOS CODE,
ANL-7023 9B U 41 08 HC$ 4.00 MF$ 0.75

AN INVESTIGATION OF INSTABILITIES ENCOUNTERED DURING HEAT TRANSFER TO A SUPERCRITICAL FLUID,
ANL-7032 20M U 41 08 HC$ 3.00 MF$ 0.75

FREQUENCY-RESPONSE ANALYSIS OF STEAM VOIDS TO SINUSOIDAL POWER MODULATION IN A THIN-WALLED BOILING WATER COOLANT CHANNEL,
ANL-7041 20M U 41 08 HC$ 5.00 MF$ 1.00

A THERMODYNAMIC STUDY OF THE URANIA -URANIUM SYSTEM,
ANL-7048 7B U 41 08 HC$ 2.00 MF$ 0.50

PROPAGATION OF DENSITY DISTURBANCES IN AIR-WATER FLOW,
ANL-7053 18I U 41 08 HC$ 4.00 MF$ 0.75

SOME TOPICS IN STATISTICAL MECHANICS. (MOLECULAR DISTRIBUTION FUNCTIONS, CLUSTER EXPANSIONS, ETC.) A SERIES OF LECTURES,
ANL-7063 20L U 41 08 HC$ 3.00 MF$ 0.75

CONSOLIDATION OF LANTHANON FISSION PRODUCTS IN ALLOYS,
ANL-7064 7B U 41 07 HC$ 1.00 MF$ 0.50

NOTES ON AXIOMS FOR QUANTUM MECHANICS,
ANL-7065 20J U 41 08 HC$ 1.00 MF$ 0.50

PICTORIAL STUDIES OF MOLECULES. I. MOLECULAR ORBITAL DENSITY COMPARISONS OF H 2, LI 2, B 2, C 2, N 2, O 2, AND F 2,
ANL-7076 20H U 41 08 HC$ 3.00 MF$ 0.75

THE EFFECT OF INTERPARTICLE FORCES ON THE FLUIDIZATION OF FINE PARTICLES,
ANL-7086 7A U 41 08 HC$ 2.00 MF$ 0.50

CATALOG OF NUCLEAR REACTOR CONCEPTS. PART I. HOMOGENEOUS AND QUASI-HOMOGENEOUS REACTORS. SECTION III. REACTORS FUELED WITH MOLTEN-SALT SOLUTIONS,
ANL-7092 21F U 41 08 HC$ 3.00 MF$ 0.75

REACTOR DEVELOPMENT PROGRAM PROGRESS REPORT, SEPTEMBER 1965.
ANL-7105 18I U 41 08 HC$ 3.00 MF$ 0.75

FARET CORE I FUEL IRRADIATION PROGRAM AND REFERENCE DESIGN,
ANL-7106 18H U 41 07 HC$ 2.00 MF$ 0.50

REACTOR DEVELOPMENT PROGRAM PROGRESS REPORT, OCTOBER 1965.
ANL-7115 18I U 41 08 HC$ 3.00 MF$ 0.75

INSPECTION, EVALUATION, AND OPERATION OF THE EBWR REACTOR VESSEL,
ANL-7117 18I U 41 08 HC$ 3.00 MF$ 0.75

ARGONNE NATIONAL LAB., ILL. ASSOCIATED MIDWEST UNIVERSITIES, LEMONT, ILL.
STRESS ANALYSIS OF REINFORCED CIRCULAR AND RECTANGULAR FLAT PLATES,
ANL-7089 20K U 41 08 HC$ 2.00 MF$ 0.50

ARINC RESEARCH CORP., WASHINGTON, D. C.
ANALYSIS OF SAFETY ASPECTS OF AIRCRAFT LANDING OPERATIONS.
AD-430 087 1B U 41 07 HC$ 5.00

ARIZONA UNIV., TUCSON. ENGINEERING EXPERIMENT STATION.
HYBRID COMPUTER MONTE-CARLO TECHNIQUES,
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50

ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF PHYSICS.
EXCITATION OF THE 2P LEVEL IN LITHIUM BY ELECTRON IMPACT,
AD-628 427 7D T 66 07

RADIATIVE LIFETIMES AND EXCITATION MECHANISMS IN HELIUM,
AD-629 540 20J T 66 08

DEPENDENCE ON MAGNETIC FIELD OF POLARIZA- TION OF RADIATION FROM ELECTRON-HELIUM COLLISION,
AD-629 541 20J T 66 08

ARKANSAS UNIV., LITTLE ROCK. GRADUATE INST. OF TECH.
INVESTIGATION OF LASER PROPERTIES RELEVANT TO THE MEASUREMENT OF DIFFERENT PHYSICAL PARAMETERS,
N66-12860 20E U 41 08 HC$ 3.00 MF$ 0.75

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C.
ANO-RECTAL MELANOMA,
AD-628 238 6E T 66 07

STUDIES ON NECROSIS OF MOUSE LIVER IN VITRO. ALTERATIONS IN ACTIVITIES OF SUCCINOXIDASE, SUCCINIC DEHYDROGENASE, GLUTAMIC DEHYDROGENASE, ACID PHOSPHATASE, URICASE, GLUCOSE - 6-PHOSPHATASE AND NAD-PYROPHOSPHORYLASE,
AD-628 263 6A T 66 07

EPIZOOTIOLOGIC STUDIES ON FILARIOIDS OF THE RACCOON,
AD-628 476 6C T 66 07

THE ASSOCIATION OF HYPERTHYROIDISM AND THYROID CANCER,
AD-628 477 6E T 66 07

AMYLOIDOSIS OF THE EYELID AND CONJUNTIVA,
AD-628 479 6E T 66 07

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C. GEOGRAPHIC PATHOLOGY DIV.
A REPORT ON THE AMERICAN REGISTRY OF GEOGRAPHIC PATHOLOGY,
AD-629 313 6E T 66 08

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C.
CUTANEOUS FOCAL MUCINOSIS,
AD-629 340 6E T 66 08

MYCOTIC KERATITIS,
AD-629 341 E T 66 08

NEW CONCEPTS IN PATHOLOGY OF THE CORNEA,
AD-629 342 6E T 66 08

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C. GEOGRAPHIC PATHOLOGY DIV.
MYCOBACTERIUM ULCERANS INFECTION (WITH COMMENTS ON PATHOGENESIS),
AD-629 344 6E T 66 08

ARMED FORCES INST. OF PATHOLOGY, WASHINGTON, D. C.
ULTRASTRUCTURAL ALTERATIONS IN RAT LUNGS. CHANGES AFTER INTRATRACHEAL PERFUSION WITH FRESHWATER AND SEAWATER,
AD-629 345 6E T 66 08

ARMY AVIATION MATERIEL LABS., FORT EUSTIS, VA.
OV-1A MOHAWK FLIGHT LOADS INVESTIGATION PROGRAM,
AD-629 632 1A T 66 08 HC$ 8.60 MF$ 0.75

ARMY BALLISTIC MISSILE AGENCY, REDSTONE ARSENAL, ALA.
DAMPED OSCILLATIONS IN A CONNECTED FLUID SYSTEM,
AD-629 275 13D T 66 08 HC$ 1.60 MF$ 0.50

ARMY BIOLOGICAL LABS., FREDERICK, MD.
IMMUNOFLUORESCENCE, AN ANNOTATED BIBLIOGRAPHY. III. STUDIES OF FUNGI, METAZOA, PROTOZOA, AND RICKETTSIAE,
AD-628 666 6M T 66 07 HC$ 2.00 MF$ 0.50

ARMY COASTAL ENGINEERING RESEARCH CENTER, WASHINGTON, D. C.
SAND MOVEMENT ALONG A PORTION OF THE NORTHERN CALIFORNIA COAST.
AD-628 866 8J T 66 07 HC$ 4.00 MF$ 1.00

ANALYSIS OF WAVE FORCES ON A 30-INCH DIAMETER PILE UNDER CONFUSED SEA CONDITIONS.
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J.
PINHOLE ARRAY CAMERA FOR INTEGRATED CIRCUITS,
AD-628 485 14E T 66 07 HC$ 1.00 MF$ 0.50

ALLOY JUNCTION FORMATION TEMPERATURE AND ELECTRO-LUMINESCENCE IN 4TH SILICON CARBIDE,
AD-628 605 20L T 66 07

OPTICAL MISALIGNMENT DUE TO TEMPERATURE GRADIENTS IN ELECTROOPTIC MODULATOR CRYSTALS,
AD-628 607 20E T 66 07

COMMENTS ON 'NERNST EFFECT IN INDIUM ANTIMONIDE',
AD-628 608 20L T 66 07

DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY,
AD-629 346 9B T 66 08 HC$ 2.00 MF$ 0.50

SECONDARY BREAKDOWN THERMAL CHARACTERIZATION AND IMPROVEMENT OF SEMICONDUCTOR DEVICES,
AD-629 386 9A T 66 08 HC$ 1.00 MF$ 0.50

DYNAMIC NUCLEAR POLARIZATION BY ASPHALTENE RADICALS: EFFECTS OF COLLOID SIZE AND SOLVENT DIFFUSION,
AD-629 507 7D T 66 08

BEAM NOISE REDUCTION IN HIGH MAGNETIC FIELDS,
AD-629 516 17B T 66 08

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. INST. FOR EXPLORATORY RESEARCH.
COMPARISON OF EXPERIMENTAL DATA OF THE EFFECTIVE ION MASS IN THE UPPER IONOSPHERE WITH A THEORETICAL STRUCTURE,
AD-628 602 4A T 66 07

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. ELECTRONIC COMPONENTS LAB.

LOW-LEVEL, CROSSED-FIELD NOISE STUDY.
AD-629 125 9E T 66 08 HC$ 2.60 MF$ 0.50

TECHNOLOGY FOR PNP INTEGRATED CIRCUITS.
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50

OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM POWER OUTPUT.
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50

PULSE-CODE MODULATION MULTIPLEX TRANSMISSION OVER AN INJECTION LASER TRANSMISSION SYSTEM,
AD-629 503 20E T 66 08

THE 'HOUR-GLASS' ENERGY DIVERTER.
AD-629 571 9A T 66 08 HC$ 2.00 MF$ 0.50

CORBINO-PME EFFECT AS A POSSIBLE TOOL FOR MICROELECTRONIC MATERIALS EVALUATION: THEORY.
AD-629 608 20L T 66 08 HC$ 1.00 MF$ 0.50

USE OF MOS TRANSISTORS IN SOLID-STATE RADIATION SURVEY METERS.
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50

ARMY ELECTRONICS COMMAND, FORT MONMOUTH, N. J. INST. FOR EXPLORATORY RESEARCH.
ARRESTING LATENT-IMAGE FADING IN DOSIMETRIC FILMS.
AD-628 601 14E T 66 07

EFFECTS OF PRONOUNCED ELECTRON-CONTENT VARIATIONS ON DOPPLER SHIFT AT LOW ELEVATIONS,
AD-628 603 20N T 66 07

THIN-FILM RECHARGEABLE SOLID-ELECTROLYTE BATTERIES,
AD-629 501 10C T 66 08

B10/B11 THERMISTOR PAIRS AND THEIR APPLICATION,
AD-629 523 20H T 66 08

ARMY ELECTRONICS LABS., FORT MONMOUTH, N. J.
MIXED-LAYER POLYTYPES RELATED TO MAGNETOPLUMBITE,
AD-628 604 20B T 66 07

PRESSURE DEPENDENCE OF THE DIELECTRIC CONSTANT OF STRONTIUM TITANATE,
AD-628 606 20L T 66 07

MODES IN RADIAL WAVE BEAM RESONATORS.
AD-629 502 9A T 66 08

NEGATIVE MAGNETORESISTANCE IN TELLURIUM,
AD-629 508 20L T 66 08

MICROCIRCUIT PHOTOMASKS FROM AUTOMATIC TECHNIQUES,
AD-629 513 14E T 66 08

NIOBIUM OXY-NITRIDES WITH HIGH TRANSITION TEMPERATURES,
AD-629 514 20L T 66 08

ARMY ELECTRONICS RESEARCH AND DEVELOPMENT ACTIVITY, WHITE SANDS MISSILE RANGE, N. MEX. ENVIRONMENTAL SCIENCES DIRECTORATE.
SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500 WAVE NUMBER INTERVAL. PART III. A METHOD OF EXPERIMENTALLY DERIVING TRANSMISSIVITY,
AD-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50

ARMY ENGINEER GEODESY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY, FORT BELVOIR, VA.
SATELLITE ANGULATERATION.
AD-629 705 8E T 66 08 HC$ 2.00 MF$ 0.50

ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS.
ARTILLERY WEAPON DUST ALLEVIATION TESTS.
AD-628 731 15B T 66 07 HC$ 5.60 MF$ 0.50

CHARACTERISTICS OF U. S. RICE FIELDS AND THEIR EFFECTS ON GROUND MOBILITY.
AD-628 734 8M T 66 07 MF$ 1.00

SELECTED GEOLOGIC LITERATURE LOWER MISSISSIPPI VALLEY DIVISION AREA INDEX AND ANNOTATED BIBLIOGRAPHY.
AD-628 983 8G T 66 08 HC$ 6.00 MF$ 1.25

EVALUATION TESTS OF MOSLER BLAST VALVES.
AD-629 405 13K T 66 08 HC$ 2.00 MF$ 0.50

TRAFFICABILITY TESTS ON CONFINED ORGANIC TERRAIN (MUSKEG). SUMMER 1962 TESTS.
AD-629 522 13F T 66 08 MF$ 1.00

ARMY ENGINEERING GEODESY, INTELLIGENCE AND MAPPING RESEARCH AND DEVELOPMENT AGENCY, FORT BELVOIR, VA.
TWO APPROACHES TO A PORTABLE COLOR -MEASURING SYSTEM.
AD-629 704 20F T 66 08 HC$ 1.00 MF$ 0.50

ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER, WASHINGTON, D. C.
ANTIGENIC STRUCTURE OF THE VACCINE STRAIN OF BAC, ANTHRACIS,
AD-628 492 6M T 66 07 HC$ 1.10 MF$ 0.50

ARMY INFANTRY HUMAN RESEARCH UNIT, FORT BENNING, GA.
POSSIBLE COMBAT APPLICATION OF EXPERIMENTAL STEALTH MEASURING DEVICE.
AD-629 197 17A T 66 08 HC$ 1.60 MF$ 0.50

ARMY INST. OF DENTAL RESEARCH, WALTER REED ARMY MEDICAL CENTER, WASHINGTON, D. C.
ANNUAL PROGRESS REPORT, 1 JULY 1964-30 JUNE 1965.
AD-465 865 6E U 41 07 HC$ 6.00 MF$ 1.25

ARMY MATERIALS RESEARCH AGENCY, WATERTOWN, MASS. MATERIALS ENGINEERING DIV.
PLASTIC BEHAVIOR OF METALS AT CRYOGENIC TEMPERATURES.
AD-628 491 20K T 66 07 HC$ 2.00 MF$ 0.50

ARMY MATERIALS RESEARCH AGENCY, WATERTOWN, MASS. MATERIALS TECHNOLOGY DIV.
PHYSICAL AND MECHANICAL PROPERTIES OF TI-6A1-4V ALLOY SUBSEQUENT TO HIGH VELOCITY DEFORMATION.
AD-629 708 13H T 66 08 HC$ 1.00 MF$ 0.50

ARMY MEDICAL RESEARCH AND NUTRITION LAB., DENVER, COLO.
INFLUENCE OF PERIODICITY OF EATING ON ADIPOSE TISSUE METABOLISM IN THE RAT,
AD-628 963 6P T 66 08

DATA ON WHOLESOMENESS STUDIES, A PROGRESS REPORT,
AD-629 316 6H T 66 08

FACTORS INFLUENCING THE UTILIZATION OF KETONE BODIES BY MOUSE ADIPOSE TISSUE,
AD-629 317 6A T 66 08

ADAPTIVE CHANGES IN ENZYME ACTIVITY AND METABOLIC PATHWAYS IN ADIPOSE TISSUE FROM MEAL-FED RATS,
AD-629 329 6A T 66 08

TROOP PERFORMANCE IN HIGH ALTITUDES,
AD-629 330 6S T 66 08

ARMY MEDICAL RESEARCH LAB., FORT KNOX, KY.
SYMPOSIUM ON CUTANEOUS SENSITIVITY, 11-13 FEBRUARY 1960.
PB-169 173 5J U 41 07 HC$ 5.00 MF$ 1.00

ARMY MISSILE COMMAND, REDSTONE ARSENAL, ALA. AERODYNAMICS BRANCH.
BASE PRESSURE PROGRAM FOR A BODY OF REVOLUTION WITH NOZZLE FLOW,
AD-628 356 20D T 66 07 HC$ 2.00 MF$ 0.50

ARMY MISSILE COMMAND, REDSTONE ARSENAL, ALA. ARMY INERTIAL GUIDANCE AND CONTROL LAB.
AN ACTIVE LOW-PASS FILTER,
AD-463 913 9A U 41 07 HC$ 1.00

ARMY MISSILE COMMAND, REDSTONE ARSENAL, ALA. PHYSICAL SCIENCES LAB.
SEASONAL MODELS OF AIR DENSITY, TEMPERATURE AND WIND BETWEEN SURFACE AND 25 KM FOR FOUR GEOGRAPHIC ZONES,
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50

ARMY WEAPONS COMMAND, ROCK ISLAND, ILL. RESEARCH AND ENGINEERING DIV.
DEVELOPMENT OF AN IMPROVED RINSE SOLUTION FOR PHOSPHATE COATINGS THROUGH ADDITION OF ORGANIC ACIDS.
AD-628 072 11C T 66 07 HC$ 1.00 MF$ 0.50

EFFECT OF WATER AND PARTICULATE CONTAMINATES ON POLYMER SHEAR STABILITY.
AD-628 073 11H T 66 07 HC$ 1.00 MF$ 0.50

ARNOLD ENGINEERING DEVELOPMENT CENTER, ARNOLD AIR FORCE STATION, TENN.
DEVELOPMENT TESTING OF SPACE VEHICLES,
AD-628 053 22B T 66 07 HC$ 4.00 MF$ 0.75

PARTIAL ALTITUDE MILITARY QUALIFICATION TEST OF THE TF37-GE-1 TURBOFAN ENGINE,
AD-628 775 21E T 66 07 HC$ 9.60 MF$ 0.75

DESIGN AND PERFORMANCE OF STAGED STEAM EJECTORS WITH INTERSTAGE CONDENSERS.
AD-629 526 13K T 66 08 HC$ 9.60 MF$ 0.50

ARO, INC., ARNOLD AIR FORCE STATION, TENN.
PROPERTY INVESTIGATION OF COPPER BASE ALLOYS AT AMBIENT AND ELEVATED TEMPERATURES,
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50

NUMERICAL INTEGRATION OF FIRST-ORDER STIFF DIFFERENTIAL EQUATIONS.
AD-628 091 12A T 66 07 HC$ 1.00 MF$ 0.50

ARO, INC., TULLAHOMA, TENN.
A TECHNIQUE FOR MEASURING CAPTURE COEFFICIENTS AND APPLICATION TO THE MEASUREMENT OF HYDROGEN ADSORPTION BY TITANIUM.
AD-628 380 14B T 66 07 HC$ 2.00 MF$ 0.50

RESULTS OF AN EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF AN EXPANSION TUBE.
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75

ASPEN INST.FOR HUMANISTIC STUDIES, COLO.
REPORT TO THE OFFICE OF NAVAL RESEARCH.
AD-629 014 20J T 66 08 HC$ 3.00 MF$ 0.75

ASTRO-ELECTRONICS DIV., RADIO CORP. OF AMERICA, PRINCETON, N. J.
USER GUIDE FOR HRIR MODIFICATIONS TO THE APTS GROUND STATIONS.
N66-11671 22D U 41 08 HC$ 3.00 MF$ 0.75

ATLANTIC RESEARCH CORP., ALEXANDRIA, VA.
A STUDY OF THE HYDROGEN-FLUORINE REACTION.
AD-628 923 7B T 66 08 HC$ 1.10 MF$ 0.50

ATLANTIC RESEARCH CORP., DUARTE, CALIF. MISSILE SYSTEMS DIV.
CONTRACTOR DATA REQUIREMENTS LIST, SEQUENCE NUMBER 71.
AD-628 078 22B T 66 07 HC$ 2.00 MF$ 0.50

ATOMICS INTERNATIONAL, CANOGA PARK, CALIF.
FLOWING GAS DISCHARGES IN POTASSIUM AND MERCURY.
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50

SUPERCONDUCTING NUCLEAR PARTICLE DETECTOR.
AD-629 054 18D T 66 08 HC$ 1.00 MF$ 0.50

ARGON GENERATION IN NAK-COOLED REACTORS,
NAA-SR-11303 18I U 41 07 HC$ 1.00 MF$ 0.50

ANNUAL TECHNICAL PROGRESS REPORT, AEC UNCLASSIFIED PROGRAMS, FISCAL YEAR 1965.
NAA-SR-11450 18I U 41 07 HC$ 7.00 MF$ 2.00

CAPABILITIES OF THE 1 MW SHIELD TEST AND IRRADIATION REACTOR,
NAA-SR-11528 18M U 41 08 HC$ 2.00 MF$ 0.50

QUARTERLY TECHNICAL PROGRESS REPORT, AEC UNCLASSIFIED PROGRAMS, JULY-SEPTEMBER 1965.
NAA-SR-11650 18I U 41 08 HC$ 6.00 MF$ 1.25

AEC UNCLASSIFIED PROGRAMS.
NAA-SR-9339 18I U 41 08 HC$ 3.00 MF$ 1.25

SNAP 10A, EXPANSION COMPENSATOR,
NAA-SR-9778 18N U 41 07 HC$ 3.00 MF$ 0.75

TUNGSTEN RESONANCE INTEGRALS AND DOPPLER COEFFICIENTS.
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50

AUBURN UNIV., ALA.
RADIO FREQUENCY SYSTEMS. MILLIMETER WAVES STUDY.
N66-10618 9F U 41 08 HC$ 2.00 MF$ 0.50

AUSTRALIAN NATIONAL UNIV., CANBERRA. DEPT. OF GEOPHYSICS.
FRACTIONATION OF FLUORINE, CHLORINE AND OTHER TRACE ELEMENTS DURING DIFFERENTIATION OF A THOLEIITIC MAGMA,
N66-12986 8D U 41 08 HC$ 2.00 MF$ 0.50

AUTOMATIC DATA FIELD SYSTEMS COMMAND, FORT BELVOIR, VA.
DATA TRANSMISSION, ERROR CONTROL AND COMMUNICATIONS SECURITY.
AD-629 354 17B T 66 08 HC$ 2.60 MF$ 0.50

AUTONETICS, ANAHEIM, CALIF. RESEARCH AND ENGINEERING DIV.
A STUDY OF MILITARY ELECTRONIC AND ELECTRO- MECHANICAL SPECIFICATION PART IDENTIFICATION REQUIREMENTS.
AD-629 544 15E T 66 08 HC$ 3.00 MF$ 0.75

AVCO-EVERETT RESEARCH LAB., EVERETT, MASS.
A LIMIT ON STABLY TRAPPED PARTICLE FLUXES,
N66-10878 20H U 41 08 HC$ 3.00 MF$ 0.75

AVIATION SAFETY ENGINEERING AND RESEARCH, PHOENIX ARIZ.
IMPACT TEST METHODS FOR HELMETS. SUPPLEMENT I TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL,
AD-628 679 6Q T 66 07 HC$ 1.00 MF$ 0.50

AVIATION SAFETY ENGINEERING AND RESEARCH, PHOENIX, ARIZ.
HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL.
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00

TEST RESULTS - HEMISPHERICAL SPECIMENS, SUPPLEMENT II TO HELMET DESIGN CRITERIA FOR IMPROVED CRASH SURVIVAL,
AD-628 680 6Q T 66 07 HC$ 1.00 MF$ 0.50

BABCOCK AND WILCOX CO., LYNCHBURG, VA. CRITICAL EXPERIMENT LAB.
NONUNIFORM TEMPERATURE EFFECTS ON THORIUM RESONANCE ABSORPTION.
BAW-3125-2 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-3 18J U 41 07 HC$ 1.00 MF$ 0.50

BAW-3125-4 18K U 41 07 HC$ 3.00 MF$ 0.75

BALLISTIC RESEARCH LABS., ABERDEEN PROVING GROUND, MD.
A FAILURE CRITERION FOR BLAST LOADED CYLINDRICAL SHELLS,
AD-628 289 13M T 66 07 HC$11.60 MF$ 0.75

ROUTINE FOR IMPROVING THE ACCURACY OF THE ROOTS OF POLYNOMIALS WITH REAL COEFFICIENTS.
AD-629 042 12A T 66 08 HC$ 2.00 MF$ 0.50

SQUARE ROOT SUBROUTINES.
AD-629 327 9B T 66 08 HC$ 1.60 MF$ 0.50

RESUME OF THE THEORY OF PLANE SHOCK AND ADIABATIC WAVES WITH APPLICATIONS TO THE THEORY OF THE SHOCK TUBE.
AD-629 328 19D T 66 08 HC$ 6.60 MF$ 0.75

A TEST OF VISCOUS DISLOCATION DAMPING THEORY,
AD-629 557 20B T 66 08 HC$ 2.60 MF$ 0.50

BARTOL RESEARCH FOUNDATION, FRANKLIN INST., SWARTHMORE, PA.
ANNUAL PROGRESS REPORT FOR 1965.
AD-628 872 20H T 66 07 HC$ 1.00 MF$ 0.50

ISOBARIC SPLITTING OF DIPOLE STATES IN NUCLEI,
AD-628 878 20H T 66 07

LIFETIME OF THE 6.880-MEV LEVEL OF SI28,
AD-628 879 20H T 66 07

MEAN LIFE OF THE 2.98-MEV LEVEL OF A147,
AD-628 880 20H T 66 07

PROPERTIES OF THE 4.403-MEV EXCITED STATE OF A127,
AD-628 881 20H T 66 07

PROPERTIES OF THE STATE IN P31 AT 7.14 MEV,
AD-628 882 20H T 66 07

SURVEY OF COSMIC-RAY INTENSITY IN THE LOWER ATMOSPHERE.
AD-628 884 4A T 66 08

BASEL UNIV. (SWITZERLAND). INST. OF PHYSICS.
ANALYSIS OF THE SPECTRUM OF THE NITRIC OXIDE MOLECULE.
AD-628 818 7D T 66 07 HC$ 1.60 MF$ 0.50

BATTELLE MEMORIAL INST., COLUMBUS, OHIO.
THE FABRICATION OF BERYLLIUM,
AD-464 975 11F U 41 07 HC$ 4.00 MF$ 1.00

CONDUCTION ELECTRON SCATTERING BY IONIZED DONORS IN INSB AT 80K,
AD-628 437 20L T 66 07

A STUDY OF SLEEVE BEARINGS IN AIRCRAFT SUPPORT STRUCTURES.
AD-628 937 13I T 66 08 HC$ 2.00 MF$ 0.50

EFFECT OF MULTIPLE WELD REPAIRS AND 400F INTERPASS TEMPERATURE ON PIPING PERFORMANCE.
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50

PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING OCTOBER 1965,
BMI-1748 (DEL.) 18J U 41 08 HC$ 2.00 MF$ 0.50

TUNGSTEN POWDER METALLURGY.
N66-10415 11F U 41 07 HC$ 0.35 MF$ 0.50

A STUDY TO DEVELOP A MECHANIZED WELDING PROCEDURE TO JOIN THICK-GAGE ALUMINUM ALLOY PLATE USING NARROW-GAP TECHNIQUES.
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75

A STUDY OF SOLID-PROPELLANT VAPORIZATION AND DIFFUSION PROCESSES.
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50

BATTELLE MEMORIAL INST., GENEVA (SWITZERLAND).
THE EFFECT OF RADIATION ON THE DUCTILEBRITTLE TRANSITION IN PRESSURE VESSEL STEELS.
EURAEC-1218 11F U 41 07 HC$ 2.00 MF$ 0.50

BATTELLE-NORTHWEST, RICHLAND, WASH. PACIFIC NORTHWEST LAB.
PLUTONIUM ABSTRACTS. VOLUME 5, NUMBER 9.
BNWL-113-9 11F U 41 08 HC$ 2.00 MF$ 0.50

A HIGH TEMPERATURE CREEP MACHINE FOR IN-CELL OPERATION,
BNWL-137 18J U 41 08 HC$ 1.00 MF$ 0.50

RESEARCH AND DEVELOPMENT ACTIVITIES FIXATION OF RADIOACTIVE RESIDUES.
BNWL-139 18G U 41 08 HC$ 2.00 MF$ 0.50

SWISSCHEESE. A 7090 FORTRAN IV CODE FOR THERMAL-HYDRAULIC ANALYSIS OF GAS-COOLED NUCLEAR REACTORS,
BNWL-147 9B U 41 08 HC$ 3.00 MF$ 0.75

PHYSICS RESEARCH QUARTERLY REPORT, APRIL-JUNE 1965.
BNWL-149 18H U 41 08 HC$ 3.00 MF$ 0.75

CERAMICS RESEARCH AND DEVELOPMENT QUARTERLY REPORT, APRIL-JUNE 1965.
BNWL-150 11B U 41 07 HC$ 4.00 MF$ 1.00

PHOENIX FUEL PROGRAM PROGRESS REPORT, FY-1965,
BNWL-152 18I U 41 08 HC$ 2.00 MF$ 0.50

THE FATIGUE BEHAVIOR OF PU - 1.0 W/O GA DELTA STABILIZED PLUTONIUM,
BNWL-16 11F U 41 07 HC$ 1.00 MF$ 0.50

BORONATED GRAPHITE IRRADIATION STUDIES SUMMARY REPORT OF THERMAL-NEUTRON-SHIELDED EXPERIMENTS CONDUCTED IN THE ETR,
BNWL-161 18F U 41 08 HC$ 1.00 MF$ 0.50

EVALUATION OF RADIOLOGICAL CONDITIONS IN THE VICINITY OF HANFORD, JANUARY-JUNE 1965,
BNWL-165 6R U 41 08 HC$ 2.00 MF$ 0.50

RECOVERY OF STRONTIUM FROM STORED PUREX WASTE BY LEAD SULFATE CARRIER PRECIPITATION. PILOT PLANT STUDIES,
BNWL-4 18G U 41 07 HC$ 2.00 MF$ 0.50

A STUDY OF TUNGSTEN-TECHNETIUM ALLOYS.
N66-10634 11F U 41 08 HC$ 1.00 MF$ 0.50

BAYLOR UNIV., HOUSTON, TEX. COLL. OF MEDICINE.
INFLUENCE OF AUTOLOGOUS AND HOMOLOGOUS BLOOD EXCHANGE ON THE BLEEDING VOLUME OF DOGS,
AD-628 723 6E T 66 07

BECHTEL CORP., SAN FRANCISCO, CALIF.
RESEARCH AND DEVELOPMENT STUDY FOR DEEP OCEAN REACTOR PLACEMENT.
AD-466 696 18E U 41 08 HC$ 7.00 MF$ 1.50

ENGINEERING AND ECONOMIC FEASIBILITY STUDY FOR A COMBINATION NUCLEAR POWER-DESALTING PLANT. PHASES I AND II.
TID-22338 18L U 41 08 HC$ 4.00 MF$ 2.25

BELFER GRADUATE SCHOOL OF SCIENCE, YESHIVA UNIV., NEW YORK.
MICROSCOPIC THEORY OF BROWNIAN MOTION IN AN OSCILLATING FIELD! CONNECTION WITH MACRO- SCOPIC THEORY,
AD-628 252 20H T 66 07

BELL TELEPHONE LABS., INC., NEW YORK.
A SUMMARY OF SURFACE EFFECTS OF RADIATION ON SEMICONDUCTOR

DEVICES.
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75

BELL TELEPHONE LABS., MURRAY HILL, N. J.
CONDUCTION-ELECTRON POLARIZATION IN METALS,
AD-628 189 20C T 66 07

BENDIX CORP., KANSAS CITY, MO.
APPLICATION OF PUNCHED CARD TECHNIQUES FOR OPTIMIZING RELIABILITY,
BDX-613-1 9B U 41 07 HC$ 1.00 MF$ 0.50

MODERN GAGE CONTROL.
BDX-613-39 14B U 41 08 HC$ 2.00 MF$ 0.50

A STANDARDS AND CALIBRATION PROGRAM IN A LARGE DEFENSE PLANT,
BDX-613-43 14B U 41 07 HC$ 1.00 MF$ 0.50

CONDUCTIVE ADHESIVES. A SUBSTITUE FOR SOLDER,
BDX-613-7 11A U 41 08 HC$ 1.00 MF$ 0.50

BENDIX CORP., SOUTHFIELD, MICH. RESEARCH LABS. DIV.
FABRICATION AND TEST OF A FLUERIC POSITION SERVO.
N66-10701 13G U 41 08 HC$ 1.00 MF$ 0.50

BENDIX PRODUCTS AEROSPACE DIV., BENDIX CORP., SOUTH BEND, IND.
PNEUMATIC NUTATOR ACTUATOR MOTOR.
N66-12149 13G U 41 08 HC$ 4.00 MF$ 1.00

BENDIX RADIO DIV., BENDIX CORP., BALTIMORE, MD.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75

BERGEN RESEARCH ENGINEERING CORP., TETERBORO, N. J.
DEVELOPMENT OF A LOW COST SECONDARY AIRPORT LIGHTING SYSTEM.
PB-169 155 1E U 41 07 HC$ 2.00 MF$ 0.50

BETTIS ATOMIC POWER LAB., PITTSBURGH, PA.
THERMAL EXPANSION AND PREFERRED ORIENTATION IN ZIRCALOY,
WAPD-TM-472 11F U 41 08 HC$ 2.00 MF$ 0.50

BIOTECHNOLOGY, INC., ARLINGTON, VA.
DEVELOPMENT OF TESTS FOR MEASUREMENT OF PRIMARY PERCEPTUAL-MOTOR PERFORMANCE,
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25

BLOCK ENGINEERING, INC., CAMBRIDGE, MASS.
MEASUREMENTS IN THE FAR INFRARED.
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75

WAVEFRONT FOLDING INTERFEROMETER.
AD-628 784 17H T 66 07 HC$ 3.60 MF$ 0.50

BOEING CO., SEATTLE, WASH.
ACCEPTANCE SUMMARY REPORT - FTM 460.
AD-628 151 16D T 66 07 HC$ 3.00 MF$ 0.75

BOEING SCIENTIFIC RESEARCH LABS., SEATTLE, WASH. FLIGHT SCIENCES LAB.
MAGNETIC INTERACTION EXPERIMENTS WITH SHOCK IONIZED NEON,
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50

ELECTRICAL CONDUCTIVITY MEASUREMENTS IN A FARADAY ACCELERATOR,
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50

TURBULENCE MEASUREMENTS WITH INCLINED HOT-WIRES,
AD-629 719 20M T 66 08 HC$ 5.00 MF$ 1.00

BOEING SCIENTIFIC RESEARCH LABS., SEATTLE, WASH. MATHEMATICS RESEARCH LAB.
THE D-STEP CONJECTURE FOR POLYHEDRA OF DIMENSION D<6,
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50

TOLERANCE AND CONFIDENCE LIMITS FOR CLASSES OF DISTRIBUTIONS BASED ON FAILURE RATE,
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50

NUMERICAL INTEGRATION OF AN ORBIT AND ITS CONCOMITANT VARIATIONS BY RECURRENT POWER SERIES,
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50

BOLT, BERANEK AND NEWMAN, INC., CAMBRIDGE, MASS.
DYNAMIC RESPONSE, ENERGY METHODS, AND TEST CORRELATION OF FLIGHT VEHICLE EQUIPMENTS.
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00

BORDEN CHEMICAL CO., PHILADELPHIA, PA. CENTRAL RESEARCH LAB.
IMPROVED SEPARATORS FOR SILVER OXIDE-ZINC AND SILVER OXIDE-CADMIUM CELLS FOR SPACECRAFT APPLICATION.
N66-12870 10C U 41 08 HC$ 2.00 MF$ 0.50

BOSTON COLL., CHESTNUT HILL, MASS.
PHOTOGEOLOGY OF THE SAHARA AND THE KALAHARI FROM TIROS,
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50

BOSTON UNIV., MASS. HYPOTHERMIA LAB.
ANTIARRHYTHMIC ACTIVITY OF ANTAZOLINE AND ITS APPLICATION TO THE CONTROL OF HYPO- THERMIC VENTRICULAR FIBRILLATION.
AD-629 548 6O T 66 08 HC$ 2.00 MF$ 0.50

BOWLES ENGINEERING CORP., SILVER SPRING, MD.
ANALYSIS AND TEST OF SIGNAL TRANSMISSION IN A MULTIPHASE FLUID MIXTURE.
AD-628 676 20D T 66 07 HC$ 2.00 MF$ 0.50

BRAZIL UNIV., RIO DE JANEIRO. INSTITUTO DE MATEMATICA PURA E APLICADA.
THE SINGULARITIES OF INTEGRABLE STRUCTURALLY STABLE PFAFFIAN FORMS,
AD-628 425 12A T 66 07

BRIGHT STAR INDUSTRIES, CLIFTON, N. J.
ORGANIC DEPOLARIZED CELLS UTILIZING META-DINITROBENZENE.
AD-628 575 10C T 66 07 HC$ 2.60 MF$ 0.50

BRITISH COLUMBIA RESEARCH COUNCIL, VANCOUVER.
FAR INFRARED SPECTRA OF MOSQUITO REPELLENTS,
AD-629 392 6F T 66 08

BRITISH COLUMBIA UNIV. (VANCOUVER).
A NEW PROOF OF AN INEQUALITY OF HEINZ,
AD-629 567 12A T 66 08

BRITISH COLUMBIA UNIV., VANCOUVER. DEPT. OF CHEMISTRY.
ADDITION OF FLUOROACETYLENES TO GROUP V HYDRIDES,
AD-628 474 7C T 66 07

BRITISH COLUMBIA UNIV., VANCOUVER. DEPT. OF MATHEMATICS.
A GENERAL PERRON INTEGRAL,
AD-629 134 12A T 66 08

SOME INEQUALITIES FOR SYMMETRIC MEANS,
AD-629 135 12A T 66 08

BRITISH COLUMBIA UNIV., VANCOUVER. DEPT. OF PHYSICS.
PHONON BROADENING OF IMPURITY SPECTRAL LINES. III. DIAGRAM TECHNIQUE,
AD-628 519 20L T 66 07

BROOKHAVEN NATIONAL LAB., UPTON, N. Y.
HIGH-TEMPERATURE LIQUID-METAL TECHNOLOGY REVIEW.
BNL-953 11F U 41 08 HC$ 3.00 MF$ 0.50

BROWN ENGINEERING CO., INC., HUNTSVILLE, ALA. RESEARCH LABS.
ASCENT AND DESCENT ABORT FLIGHT CORRIDORS FOR ORBITAL TRANSPORT VEHICLES,
N66-10610 22D U 41 08 HC$ 5.00 MF$ 1.25

BROWN UNIV., PROVIDENCE, R. I.
ON SYSTEM FUNCTIONS WITH THE PROPERTY OF SEPARABILITY,
AD-628 696 12B T 66 07

ON THE STABILITY OF SYSTEMS DEFINED OVER A FINITE TIME INTERVAL,
AD-628 699 12B T 66 07

SOME PROBLEMS AND SOME RECENT RESULTS IN STOCHASTIC CONTROL,
AD-628 700 12B T 66 07

DUAL DYNAMICAL SYSTEMS AND THEIR REPRESENTATION BY SYSTEM FUNCTION.
AD-628 704 12B T 66 07

ELASTIC SCATTERING OF NEGATIVE PIONS BY PROTONS AT 903 MEV.
NYO-2262-86 20H U 41 07 HC$ 3.00 MF$ 0.75

BROWN UNIV., PROVIDENCE, R. I. DIV. OF APPLIED MATHEMATICS.
STOCHASTIC STABILITY AND THE DESIGN OF FEEDBACK CONTROLS.
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50

SUFFICIENT CONDITIONS FOR STABILITY AND INSTABILITY OF AUTONOMOUS FUNCTIONAL-DIFFERENTIAL EQUATIONS,
AD-629 446 12A T 66 08

BROWN UNIV., PROVIDENCE, R. I. DIV. OF ENGINEERING.
INTEGRAL REPRESENTATION OF CREEP AND RATE SENSITIVITY IN METALS.
AD-460 373 20K U 41 08 HC$ 3.60

ELASTIC-PLASTIC CONTINUA CONTAINING UNSTABLE ELEMENTS OBEYING NORMALITY AND CONVEXITY RELATIONS.
AD-628 855 20K T 66 07 HC$ 2.60 MF$ 0.50

ON TIME-INDEPENDENT PLASTICITY AND METALS UNDER COMBINED STRESS AT ELEVATED TEMPERATURE.
AD-628 856 20K T 66 07 HC$ 2.60 MF$ 0.50

A STUDY OF THE MECHANICAL PROPERTIES OF HIGH-COBALT CEMENTED TUNGSTEN CARBIDES,
NYO-2394-12 11F U 41 07 HC$ 1.00 MF$ 0.50

BROWN UNIV., PROVIDENCE, R. I. METALS RESEARCH LAB.
QUARTERLY REPORT,
AD-628 190 20L T 66 07 HC$ 1.10 MF$ 0.50

BROWN UNIV., PROVIDENCE. DEPT. OF PHYSICS.
REACTION STUDIES WITH FAST NEUTRONS.
NYO-1082-1 20H U 41 07 HC$ 2.00 MF$ 0.50

BROWN (D.) ASSOCIATES, INC., EAU GALLIE, FLA.
SIMULATIONS OF GEODETIC POSITIONING BY THE METHOD OF CONTINUOUS TRACES.
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50

MATHEMATICAL TARGETING II: THE ANALYSIS OF ANALYTICAL AEROTRIANGULATION TECHNIQUES BY SIMULATION METHODS.
AD-629 628 8B T 66 08 HC$13.60 MF$ 1.00

BRUSSELS UNIV. (BELGIUM). LABORATOIRE DE GENETIQUE.
GENETIC REPLICATION AND MACROMOLECULAR SYNTHESIS IN TEMPERATE BACTERIOPHAGES.
AD-628 325 6M T 66 07 HC$ 1.60 MF$ 0.50

BRUSSELS UNIV. (BELGIUM). LABORATOIRE DE MORPHOLOGIE ANIMALE.
CHLOROPLAST MULTIPLICATION AND GROWTH IN THE UNICELLULAR ALGA ACETABULARIA MEDITERRANEA.
AD-629 459 6C T 66 08

EFFETS DE L (ACIDE ALPHA-LIPOIQUE SUR LE METABOLISME DES ACIDES NUCLEIQUES CHEZ LES EMBRYONS DE BATRACIENS ET DE POULET (EFFECTS OF ALPHA-LIPOIC ACID ON NUCLEIC ACID METABOLISM IN AMPHIBIAN AND CHICKEN EMBRYOS),
AD-629 462 6C T 66 08

BRUSSELS UNIV. (BELGIUM). LAB. OF PATHOPHYSIOLOGY OF THE NERVOUS SYSTEM.
FUNCTIONAL PROPERTIES OF THE EFFERENT COCHLEAR BUNDLE OF THE PIGEON REVEALED BY STEREOTAXIC STIMULATION,
AD-629 095 6C T 66 08

BRUSSELS UNIV. (BELGIUM).
TRANSPORT EQUATION OF A BROWNIAN PARTICLE IN AN EXTERNAL FIELD,
AD-628 373 20H T 66 07

KINETIC EQUATIONS AND STATIONARY STATE FOR A SYSTEM IN A UNIFORM EXTERNAL FIELD,
AD-628 374 20H T 66 07

PHASE TRANSITIONS IN MATTER,
AD-629 237 7D T 66 08

REMARK ON THE HYDROXYL ION SYSTEM IN ALKALI HALIDES,
AD-629 240 20C T 66 08

STATISTICAL MECHANICS OF FERROMAGNETISM,
AD-629 504 7D T 66 08

BRUSSELS UNIV. (BELGIUM). LABORATOIRE DE MORPHOLOGIE ANIMALE.
GROUPES SULFHYDRILES ET MORPHOGENESE. I. EFFETS DU BETA-MERCAPTOETHANOL, DE L'ACIDE ALPHA-LIPOIQUE, DE L'ACIDE ADENOSINETRIPHOSPHORIQUE ET DE L'OXALOACETATE SUR LE DEVELOPPEMENT EMBRYONNAIRE DES BATRACIENS (SULFHYDRYL GROUP AND MORPHOGENESIS. I. EFFECTS OF BETA-MERCAPTOETHANOL, ALPHA-LIPIOC ACID, ATP, AND OXALOACETATE ON EMBRYONIC DEVELOPMENT IN AMPHIBIANS),
AD-629 461 6C T 66 08

BRYN MAWR COLL., PA. DEPT. OF BIOLOGY.
THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON LETHALITY OF ENDOTOXIN AND ITS EFFECT ON BODY TEMPERATURE IN MICE.
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50

BUENOS AIRES UNIV. (ARGENTINA). CATEDRA DE FISICA BIOLOGICA.
RADIATION DAMAGE IN MUSCLE MEMBRANES AND REGULATION OF CELL METABOLISM.
AD-629 215 6R T 66 08 HC$ 3.00 MF$ 0.75

BUENOS AIRES UNIV. (ARGENTINA). INSTITUTO DE ANATOMIA GENERAL Y EMBRIOLOGIA.
ULTRASTRUCTURE AND PHARMACOLOGICAL STUDIES OF NERVE ENDINGS IN THE PINEAL ORGAN,
AD-628 435 6P T 66 07

THE 5-HYDROXYTRYPTAMINE CONTENT AND SYNTHESIS OF NORMAL AND DENERVATED PINEAL GLAND,
AD-629 053 6Q T 66 08

ACTION OF RESERPINE, IPRONIAZID AND PYROGALLOL ON NERVE ENDINGS OF THE PINEAL GLAND,
AD-629 054 6O T 66 08

BUENOS AIRES UNIV. (ARGENTINA). INSTITUTO DE ANATOMIA GENERAL Y EMBRIOLOGIA.
5-HYDROXYTRYPTOPHAN-DECARBOXYLASE ACTIVITY IN NORMAL AND DENERVATED PINEAL GLAND OF RATS,
AD-628 433 6P T 66 07

BULOVA WATCH CO., WOODSIDE, N. Y. ELECTRONICS DIV.
PRODUCTION ENGINEERING MEASURE FOR TYPE CR-(XM-60)/U CRYSTAL UNITS.
AD-629 434 9A T 66 08 HC$ 2.00 MF$ 0.50

BUNKER-RAMO CORP., CANOGA PARK, CALIF.
PILOT RE-ENTRY GUIDANCE AND CONTROL,
N65-36773 22C U 41 07 HC$ 2.00 MF$ 0.50

BUREAU OF MINES, DENVER, COLO.
DEVELOPMENT OF CONTROLLED IMPULSE TECHNIQUE FOR IN SITU TESTING OF ROCK.
AD-628 860 8G T 66 07 HC$ 3.00 MF$ 0.75

BUREAU OF NAVAL WEAPONS REPRESENTATIVE, POMONA, CALIF. METROLOGY ENGINEERING CENTER.
MEASUREMENT OF FREQUENCY DEVIATION,
AD-628 415 14B T 66 07 HC$ 1.00 MF$ 0.50

BUREAU OF PUBLIC ROADS, WASHINGTON, D. C.
HIGHWAY SAFETY RESEARCH ORGANIZATIONS AND RESOURCES IN THE UNITED STATES,
PB-169 213 13L U 41 08 HC$ 3.00 MF$ 0.75

BUREAU OF RECLAMATION, DENVER, COLO.
REINFORCED CONCRETE. DESIGN DATA,
AD-628 139 13M T 66 07 MF$ 1.00

BUREAU OF RECLAMATION, DENVER, COLO. ELECTRIC POWER BRANCH.
WEATHER AND LOAD PATTERN CORRELATION STUDY TO DEVELOP A METHOD OF SHORT-RANGE LOAD FORECASTING BASED ON WEATHER AND LOAD DATA,
PB-169 380 9C U 41 08 HC$ 3.00 MF$ 0.75

BUREAU OF RECLAMATION, DENVER, COLO. HYDRAULICS BRANCH.
HYDRAULIC MODEL STUDIES OF YELLOWTAIL AFTERBAY DAM SPAWNING CHANNEL STILLING BASIN AND DIFFUSER CHAMBER, MISSOURI RIVER BASIN PROJECT, MONTANA,
AD-466 191 13M U 41 07 HC$ 1.00 MF$ 0.50

BUREAU OF RECLAMATION, DENVER, COLO. TECHNICAL ENGINEERING ANALYSIS BRANCH.
CANAL CAPACITY STUDIES: CONCRETE SECTIONS, MAIN CANAL (LONG LAKE REACH) COLUMBIA BASIN PROJECT.
PB-169 373 13B U 41 08 HC$ 4.00 MF$ 0.75

BUREAU OF SHIPS, WASHINGTON, D. C.
WELDING OF POLYMER FILMS,
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75

BURROUGHS CORP., PAOLI, PA. CONTROL INSTRUMENT DIV.
GUIDE-LITE HELIPORT SYSTEM.
PB-169 195 17G U 41 08 HC$ 2.00 MF$ 0.50

CALIFORNIA INST. OF TECH., PASADENA.
NEUTRON STARS. I. PROPERTIES AT ABSOLUTE ZERO TEMPERATURE,
AD-628 459 3B T 66 07

NEUTRON STARS. II. NEUTRINO-COOLING AND OBSERVABILITY,
AD-628 460 3B T 66 07

EXCHANGE AND OVERLAP EFFECTS IN ELECTRON CAPTURE RATIOS: PHYSICAL BASIS AND EXPERIMENTAL TESTS,
AD-628 461 20H T 66 07

ON THE INTERACTION OF RADIATION FROM DISTANT SOURCES WITH THE INTERVENING MEDIUM,
AD-628 475 3B T 66 07

POLARIZATION OF THE RECOIL PROTON FROM PI(0) 0 PHOTOPRODUCTION IN HYDROGEN.
AD-628 876 20H T 66 07

ECHO PHENOMENA.
AD-629 535 20I T 66 08

UNTERSUCHUNGEN UBER DAS FLATTERN EINES DUNNWANDIGEN, KREISRUNDEN ZYLINDERS ENDLICHER LANGE IN UBERSCHALLSTROMUNG (INVESTIGATION IN FLUTTER OF THIN WALL CIRCULAR CYLINDERS OF FINITE LENGTH IN SUPERSONIC STREAMS),
AD-629 625 20D T 66 08

CALIFORNIA INST. OF TECH., PASADENA. DIV. OF BIOLOGY.
THE DEMONSTRATION AND MANIPULATION OF A CIRCADIAN RHYTHM IN A SINGLE NEURON,
AD-628 727 6C T 66 07

CALIFORNIA INST. OF TECH., PASADENA. DIV. OF CHEMISTRY AND CHEMICAL ENGINEERING.
THERMODYNAMICS OF CHEMICAL COUPLING,
AD-629 249 7D T 66 08

DIRECT EXPERIMENTAL TEST OF THE PY AND CHNC INTEGRAL EQUATIONS,
AD-629 250 7D T 66 08

DIRECT DETERMINATION OF THE INTERMOLECULAR POTENTIAL FUNCTION FOR ARGON FROM X-RAY SCATTERING DATA,
AD-629 251 7D T 66 08

REFRACTIVE INDEX AND LORENTZ-LORENZ FUNCTION FOR SATURATED ARGON, METHANE, AND CARBON TETRAFLUORIDE,
AD-629 252 7D T 66 08

THE CONTINUOUS ABSORPTION SPECTRUM OF IODINE MONOCHLORIDE,
AD-629 253 7D T 66 08

CALIFORNIA INST. OF TECH., PASADENA. SEISMOLOGICAL LAB.
CRUSTAL STRUCTURE IN EAST ANTARCTICA FROM SURFACE WAVE DISPERSION,
AD-628 463 8G T 66 07

CALIFORNIA UNIV., BERKELEY SPACE SCIENCES LAB.
ENZYME ACTIVITY IN TERRESTRIAL SOIL IN RELATION TO EXPLORATION OF THE MARTIAN SURFACE.
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75

CALIFORNIA UNIV., BERKELEY.
THE INFLUENCE OF ORGANIZATIONAL FACTORS UPON PSYCHIATRIC CARE IN THE UNITED STATES ARMY.
AD-629 017 6E T 66 08 HC$ 7.60 MF$ 0.75

MULTIPLIERS OF FOURIER TRANSFORM IN A HALF-SPACE,
AD-629 051 12A T 66 08

CALIFORNIA UNIV., BERKELEY. COLL. OF ENGINEERING.
ON THE GEOMETRY OF OPTIMAL PROCESSES. PART III,
AD-629 000 12B T 66 08 HC$ 6.60 MF$ 0.75

CALIFORNIA UNIV., BERKELEY. DEPT. OF ASTRONOMY.
STUDIES IN STELLAR EVOLUTION. II. LITHIUM DEPLETION DURING THE PRE-MAIN-SEQUENCE CONTRACTION,
AD-629 682 3B T 66 08

CALIFORNIA UNIV., BERKELEY. DEPT. OF CHEMISTRY.
MOLECULAR ORBITAL THEORY IN ORGANIC CHEMISTRY.
AD-628 297 7C T 66 07 HC$ 1.60 MF$ 0.50

CALIFORNIA UNIV., BERKELEY. DEPT. OF MATHEMATICS.
PERFECT CLOSURES OF RINGS AND SCHEMES.
AD-628 703 12A T 66 07

SOME CONSIDERATIONS ON EVOLUTIONARY ALGORITHMS.
AD-629 107 12A T 66 08 HC$ 1.60 MF$ 0.50

CALIFORNIA UNIV., BERKELEY. DEPT. OF PHYSICS.
BEAM DETEORIATION AND STIMULATED RAMAN EFFECT,
AD-628 074 20F T 66 07 HC$ 1.00 MF$ 0.50

XENON AND KRYPTON IN THE BRUDERHEIM METEORITE,
AD-628 594 8G T 66 07

CALIFORNIA UNIV., BERKELEY. ELECTRONICS RESEARCH LAB.
SYNTHESIS OF INTEGRATED SELECTIVE AMPLIFIERS FOR SPECIFIED RESPONSE AND DESENSITIVITY.
AD-628 677 9E T 66 07 HC$ 4.00 MF$ 0.75

SEMICONDUCTOR INTEGRATED OSCILLATORS.
AD-629 578 9E T 66 08 HC$ 6.00 MF$ 1.25

NOTES ON SYSTEM THEORY. VOLUME VII.
N66-11401 9C U 41 08 HC$ 5.00 MF$ 1.25

CALIFORNIA UNIV., BERKELEY. SCHOOL OF FORRESTRY.
A MULTISPECTRAL PHOTOGRAPHIC EXPERIMENT BASED ON A STATISTICAL ANALYSIS OF SPECTROMETRIC DATA.
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00

CALIFORNIA UNIV., BERKELEY. SPACE SCIENCES LAB.
SOME SPECTRAL CHARACTERISTICS OF GEOMAGNETIC VIBRATIONS.
AD-629 087 8N T 66 08 HC$14.60 MF$ 1.00

CALIFORNIA UNIV., DAVIS. DEPT. OF CHEMISTRY.
THE PHOTOCHEMICAL REACTION OF HYDROGEN PEROXIDE WITH ALLYL ALCOHOL-3,3-D2,
AD-628 086 7E T 66 07

CALIFORNIA UNIV., DAVIS. DEPT. OF GEOLOGY.
CAUSES OF RELATIVE SEA-LEVEL CHANGES.
AD-628 573 8C T 66 07

GREECE, A SKETCH FOR GEOLOGISTS.
AD-628 644 8G T 66 07

CALIFORNIA UNIV., LA JOLLA.
SOME NEW SUPERCONDUCTING COMPOUNDS,
AD-628 822 20L T 66 07

SUPERCONDUCTIVITY OF NB3GE.
AD-629 089 20L T 66 08

SEARCH FOR SUPERCONDUCTIVITY IN ALPHA-CERIUM,
AD-629 090 20L T 66 08

PARAMAGNETIC IMPURITIES IN METALS AT FINITE TEMPERATURES,
AD-629 174 20L T 66 08

CALIFORNIA UNIV., LA JOLLA. DEPT. OF PHYSICS.
SELF-CONSISTENT TREATMENT OF KONDO'S EFFECT IN DILUTE ALLOYS,
AD-628 434 20C T 66 07

ENERGY GAP IN A CUBICAL MODEL FOR NUCLEI,
AD-628 436 20H T 66 07

CALIFORNIA UNIV., LOS ANGELES, DEPT. OF CHEMISTRY.
FORMATION OF A CYCLOPROPANE RING FROM AN ALPHA, BETA-UNSATURATED CARBOXYLIC ACID,
AD-628 402 7C T 66 07

CALIFORNIA UNIV., LOS ANGELES, SCHOOL OF MEDICINE.
CHRONIC EFFECTS OF REVASCULARIZING THE ISCHEMIC HYPERTENSIVE KIDNEY UTILIZING A SEGMENT OF ILEUM,
AD-629 177 6E T 66 08

CALIFORNIA UNIV., LOS ANGELES.
SOME PROBLEMS OF PLANETARY NEBULAE,
AD-628 828 3B T 66 07

THE EFFECT OF PRESSURE ON MELTING.
AD-628 975 7D T 66 08 HC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., LOS ANGELES. BRAIN RESEARCH INST.
ELECTROPHYSIOLOGICAL PATTERNS AND CEREBRAL IMPEDANCE CHARACTERISTICS IN ORIENTING AND DISCRIMINATIVE BEHAVIOR,
AD-628 403 6P T 66 07

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF ASTRONOMY.
SPECTROPHOTOMETRIC STUDIES OF GASEOUS NEBULAE. III. THE LOW-EXCITATION RING PLANETARY IC 418,
AD-628 456 4B T 66 07

SOME ASPECTS OF THE ABUNDANCE PROBLEM IN PLANETARY NEBULAE,
AD-628 457 4B T 66 07

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF CHEMISTRY.
BASE-CATALYZED INTRAMOLECULAR 1,3- AND 1,5-PROTON TRANSFERS,
AD-629 638 7C T 66 08

ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XXII. INTRAMOLECULAR HYDROGEN TRANSFER REACTIONS IN BASE-CATALYZED ALLYLIC REARRANGEMENTS,
AD-629 639 7C T 66 08

ON THE CLAIM OF A BIMOLECULAR MECHANISM OF PROTOTROPY,
AD-629 640 7C T 66 08

ELECTROPHILIC SUBSTITUTION AT SATURATED CARBON. XIII. STEREOCHEMICAL STABILITY OF ALLYLIC AND VINYL ANIONS,
AD-629 641 7C T 66 08

THE CRYSTAL AND MOLECULAR STRUCTURE OF 7,7,8,8-TETRACYANOQUINODIMETHANE,
AD-629 698 20B T 66 08

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF ENGINEERING.
CANONICAL AND MINIMAL FORMS FOR NAND AND NOR LOGIC,
AD-628 169 9B T 66 07 HC$ 2.60 MF$ 0.50

THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS,
AD-628 220 9B T 66 07 HC$ 7.25 MF$ 2.00

ON CONTROL SYSTEM EQUIVALENTS OF SOME DECISION THEORETIC THEOREMS,
AD-628 265 12B T 66 07

UPPER EXTREMITY PROSTHETICS RESEARCH. HUMAN TRACKING. SENSORY MOTOR CONTROL. MYOELECTRIC CONTROL.
AD-628 964 6E T 66 08 HC$ 1.00 MF$ 0.50

CALIFORNIA UNIV., LOS ANGELES. DEPT. OF PHYSICS.
DELAYED ALPHA PARTICLES FROM NA20.
AD-628 077 20H T 66 07 HC$ 1.00 MF$ 0.50

INELASTIC SCATTERING AT 45.5 MEV PROTONS FROM BERYLLIUM AND CARBON.
AD-628 932 20H T 66 08 HC$ 7.60 MF$ 0.75

FREQUENCY MODULATION OF LARGE CAVITIES.
AD-629 025 20G T 66 08

CALIFORNIA UNIV., LOS ANGELES. INST. OF GEOPHYSICS AND PLANETARY PHYSICS.
THE GEOCHRONOLOGY OF THE BLIND RIVER-BRUCE MINES AREA ONTARIO, CANADA.
AD-629 113 8G T 66 08

CALIFORNIA UNIV., LOS ANGELES. LAB. OF NUCLEAR MEDICINE AND RADIATION BIOLOGY.
INTERCEPTION AND RETENTION OF RADIOACTIVE FALLOUT BY DESERT SHRUBS IN THE SEDAN FALLOUT FIELD. PROJECT 62.83 OF PROJECT SEDAN,
PNE-238F 18H U 41 08 HC$ 2.00 MF$ 0.50

A FORTRAN IV PROGRAM FOR THE EVALUATION OF POST-IRRADIATION SURVIVAL TIMES,
UCLA-12-573 9B U 41 07 HC$ 2.00 MF$ 0.50

CALIFORNIA UNIV., RIVERSIDE. DEPT. OF PHYSICS.
OPTICAL ABSORPTION IN AN ELECTRIC FIELD IN SEMI-INSULATING GALLIUM ARSENIDE,
AD-629 150 20L T 66 08

MULTIPLE-SCATTERING METHODS IN THE THEORY OF SOLIDS,
AD-629 151 20L T 66 08

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. DEPT. OF CHEMISTRY.
ON A SECOND-ORDER THOMAS-FERMI THEORY,
AD-629 398 20J T 66 08

CALIFORNIA UNIV., SAN DIEGO. DEPT. OF PHYSICS.
ON THE DETECTION OF SECOND SOUND IN CRYSTALS BY LIGHT SCATTERING,
AD-629 175 20A T 66 08

ALGEBRAIC DERIVATION OF THE PARTITION FUNCTION OF A TWO-DIMENSIONAL ISING MODEL,
AD-629 176 12A T 66 08

CALIFORNIA UNIV., SANTA BARBARA. DEPT. OF MATHEMATICS.
THE INVERSE MULTIPLIER FOR ABELIAN GROUP DIFFERENCE SETS,
AD-629 035 12A T 66 08

DIAGONAL PRODUCTS IN DOUBLY STOCHASTIC MATRICES,
AD-629 597 12A T 66 08

CAMBRIDGE LANGUAGE RESEARCH UNIT (ENGLAND).
COMMENTARY ON THE GUBERINA HYPOTHESIS,
AD-629 254 5G T 66 08

CAMBRIDGE UNIV. (ENGLAND). DEPT. OF APPLIED MATHEMATICS AND THEORETICAL PHYSICS.
ANALYTIC PROPERTIES OF PARTIAL-WAVE AMPLITUDES FOR PRODUCTION PROCESSES,
AD-629 244 20H T 66 08

CANADIAN ARMAMENT RESEARCH AND DEVELOPMENT ESTABLISHMENT, VALCARTIER (QUEBEC).
THE HEAT-TREATABILITY AND PROPERTIES OF URANIUM ALLOYS,
AD-628 155 11F T 66 07

CANADIAN SERVICES COLL., VICTORIA (BRITISH COLUMBIA).
RADIO FADING AND THE NATURAL ELECTROMAGNETIC BACKGROUND,
AD-629 319 20N T 66 08

CANTERBURY UNIV., CHRISTCHURCH (NEW ZEALAND). DEPT. OF CHEMISTRY.
MASS-SPECTROMETRIC STUDIES OF ATOMIC REACTIONS. V. THE REACTION OF NITROGEN ATOMS WITH NO2,
AD-629 665 7D T 66 08

CARNEGIE INST. OF TECH., PITTSBURGH, PA.
STRUCTURE EFFECTS IN THE CHARGE RADIUS OF SPHERICAL NUCLEI.
AD-628 119 20H T 66 07 HC$ 4.00 MF$ 0.75

A GEOMETRIC PROPERTY OF THE TWO-DIMENSIONAL HARMONIC GREEN'S FUNCTION,
AD-628 411 12A T 66 07

ON THE ZEROS OF SOLUTIONS OF N-TH ORDER LINEAR DIFFERENTIAL EQUATIONS,
AD-628 412 12A T 66 07

THE ADSORPTION OF SULFUR ON COPPER.
AD-629 483 7D T 66 08 HC$ 3.60 MF$ 0.50

CARNEGIE INST. OF TECH., PITTSBURGH, PA. DEPT. OF METALLURGY AND MATERIALS SCIENCE.
THE MECHANICAL PROPERTIES OF CERAMIC ALLOYS.
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50

CARNEGIE INST. OF TECH., PITTSBURGH, PA. DEPT. OF MECHANICAL ENGINEERING.
UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART IV. HIGH FIELD ELECTROPHORESIS OF SOLID SPHERICAL PARTICLES IN LOW CONDUCTIVITY LIQUIDS.
AD-628 617 20D T 66 07 HC$ 4.00 MF$ 0.75

UNCONVENTIONAL METHODS FOR INFLUENCING FLUID FLOW. PART V. FLUID PRESSURE TRANSIENTS IN A TAPERED LINE.
AD-628 630 9D T 66 07 HC$ 4.00 MF$ 1.00

CARNEGIE INST. OF TECH., PITTSBURGH, PA. DEPT. OF PHYSICS.
SPECTROSCOPIC FACTORS FROM DEUTERON STRIPPING REACTIONS LEADING TO GROUND AND FIRST EXCITED STATES OF EVEN SPHERICAL NUCLEI.
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50

CARNEGIE INST. OF TECH., PITTSBURGH, PA. GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION.
AN EMPIRICAL STUDY OF SCHEDULING DECISION BEHAVIOR.
AD-629 229 5A T 66 08 HC$ 2.00 MF$ 0.50

TIME-DEPENDENT DELAYS AT TRAFFIC MERGES.
AD-629 230 5A T 66 08 HC$ 1.60 MF$ 0.50

CASE INST. OF TECH., CLEVELAND, OHIO.
CUMULATIVE SUM CONTROL CHARTS. MATHEMATICAL PRINCIPLES APPLIED TO THEIR CONSTRUCTION AND USE, PARTS I-III.
AD-628 431 12A T 66 07

RAYLEIGH'S PROBLEM IN MAGNETOGASDYNAMICS WITH HALL EFFECT.
AD-628 467 20I T 66 07

EXACT POWER OF SOME QUICK TESTS BASED ON MOOD'S AND MASSEY'S STATISTICS.
AD-629 256 12A T 66 08

THE RADIAL HEAT EQUATION AND LAPLACE TRANSFORMS.
N66-12254 20M U 41 07 HC$ 1.00 MF$ 0.50

CASE INST. OF TECH., CLEVELAND, OHIO. DEPT. OF METALLURGY.
AN INVESTIGATION OF THERMAL AND MECHANICAL STABILITY OF MOLD MATERIALS FOR STEEL CASTINGS.
AD-628 387 11F T 66 07 HC$ 4.60 MF$ 0.50

CASE INST. OF TECH., CLEVELAND, OHIO. ENGINEERING DESIGN CENTER.
THE SYNTHESIS OF A LAMINATED PLATE FOR HIGH TEMPERATURE APPLICATION.
N66-10881 20K U 41 08 HC$ 3.00 MF$ 0.75

CATHOLIC UNIV. OF AMERICA, WASHINGTON, D. C.
APPLICATION OF THE METHOD OF THE TWO-TIME GREEN'S FUNCTION TO THE HEISENBERG FERROMAGNET. II.
AD-628 400 20C T 66 07

EFFECT OF N-SPIN-WAVE INTERACTION ON THE LOW-TEMPERATURE SPONTANEOUS MAGNETIZATION.
AD-629 080 20C T 66 08

STATISTICAL MECHANICS OF AN ASSEMBLY OF QUASIPARTICLES.
AD-629 616 20J T 66 08

CONFORMAL MAPPING OF A CLASS OF DOUBLY CONNECTED REGIONS.
N65-20795 12A U 41 07 HC$ 3.00 MF$ 0.75

ON THE ESTABLISHMENT OF DENSITY PROFILE FOR THE FLOW OF A TWO-FLUID SINGLE PHASE GAS MIXTURE.
N65-35963 20D U 41 07 HC$ 1.00 MF$ 0.50

CATHOLIC UNIV. OF AMERICA, WASHINGTON, D. C. DEPT. OF PHYSICS.
FIRST ORDER TRANSITIONS IN SIMPLE MAGNETIC SYSTEMS.
AD-629 615 20L T 66 08

CAVENDISH LAB., UNIV. OF CAMBRIDGE (ENGLAND).
GROWTH OF BURNING TO DETONATION IN LIQUIDS AND SOLIDS.
AD-628 915 19D T 66 08 HC$ 1.10 MF$ 0.50

CBS LABS., STAMFORD, CONN.
OPTICAL SPOT SIZE STUDY FOR DATA EXTRACTION FROM A TRANSPARENCY.
AD-628 588 17H T 66 07 HC$ 3.00 MF$ 0.75

TRANSDUCER AND INTERCOMMUNICATION SYSTEM FOR AIR CREWMAN'S PROTECTIVE HEADGEAR.
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00

CBS LABS., STAMFORD, CONN. ELECTRON TUBE DEPT.
1-1/2 INCH ELECTROSTATIC IMAGE DISSECTOR.
N65-18488 20F U 41 07 HC$ 3.00 MF$ 0.50

CENTER FOR RADIOPHYSICS AND SPACE RESEARCH, CORNELL UNIV., ITHACA, N. Y.
RADIOMETRIC OBSERVATIONS OF JUPITER AT 430 MC/S.
AD-629 335 3B T 66 08

ENHANCEMENT OF PLASMA DENSITY FLUCTUATIONS BY NONTHERMAL ELECTRONS.
AD-629 336 4A T 66 08

INCOHERENT SCATTER FROM PLASMA OSCILLATIONS IN THE IONOSPHERE.
AD-629 337 4A T 66 08

CENTRAL INST. FOR THE DEAF, ST. LOUIS, MO.
THE DEVELOPMENT AND STANDARDIZATION OF A GROUP TEST FOR CRITICAL FLICKER FREQUENCY.
AD-468 341 5J U 41 08 HC$ 3.00 MF$ 0.50

CENTRAL RADIO PROPAGATION LAB., BOULDER, COLO.
FURTHER OBSERVATIONS OF SUNRISE AND SUNSET FADING OF VERY-LOW-FREQUENCY SIGNALS.
AD-629 331 20N T 66 08

ON THE USE OF VLF MEASUREMENTS FOR OBTAINING INFORMATION ON THE LOWER IONOSPHERE (ESPECIALLY DURING SOLAR FLARES).
AD-629 332 4A T 66 08

AN ATLAS OF SOLAR FLARE EFFECTS IN THE IONOSPHERE OBSERVED WITH A HIGH-FREQUENCY DOPPLER TECHNIQUE, SEPTEMBER 1960DECEMBER 1962.
C13.46:326 4A U 41 08 MF$ 0.75

CENTRAL RADIO PROPAGATION LAB., NATIONAL BUREAU OF STANDARDS, BOULDER, COLO.
COMPUTATIONS OF THE ANTENNA CUT-BACK FACTOR FOR LF RADIO WAVES.
AD-628 178 20N T 66 07 MF$ 0.50

PROPAGATION OF ELECTROMAGNETIC PULSES IN TERRESTRIAL WAVEGUIDES.
AD-628 240 20N T 66 07

A COMPARISON BETWEEN SOLAR X-RAY EMISSION AND VLF SUDDEN PHASE ANOMALIES.
AD-629 315 4A T 66 08

CENTRE D'ETUDES DE PHYSIOLOGIE NERVEUSE ET D'ELECTROPHYSIOLOGIE, PARIS (FRANCE).
RESPONSES OF MONKEY THALAMUS TO SOMATIC STIMULI UNDER CHLORALOSE ANAESTHESIA.
AD-628 368 6P T 66 07

INHIBITION OF NONSPECIFIC SENSORY ACTIVITIES FOLLOWING STRIOPALLIDAL AND CAPSULAR STIMULATION.
AD-629 092 6P T 66 08

ELECTROPHYSIOLOGIC STUDIES OF THE BASAL GANGLIA AND STRIOPALLIDAL INHIBITION OF NON-SPECIFIC AFFERENT ACTIVITY.
AD-629 093 6P T 66 08

CENTRE NATIONAL DE RECHERCHES METALLURGIQUES, LIEGE, (BELGIUM).
A STUDY ON PLASTIC FATIGUE EMBRITTLEMENT IN REACTOR VESSEL STEELS.
EURAEC-1102 11F U 41 07 HC$ 2.00 MF$ 0.50

CENTRE NATIONAL D'ETUDES DES TELECOMMUNICATIONS, ISSY-LES-MOULINEAUX (FRANCE).
ATLANTIC, DUCT PROJECT.
AD-628 816 20N T 66 07 HC$ 1.10 MF$ 0.50

CHARGED PARTICLE RESEARCH LAB., UNIV. OF ILLINOIS, URBANA.
AN APPARATUS TO STUDY THE COLLISION AND COALESCENCE OF LIQUID AEROSOLS.
AD-628 451 13G T 66 07

CHATHAM ELECTRONICS DIV., TUNG-SOL ELECTRIC, INC., LIVINGSTON, N. J.
HIGH SPEED POWER AMPLIFIER USING AN ELECTRON SWITCHED P-N JUNCTION.
AD-628 858 9E T 66 07 HC$ 1.60 MF$ 0.50

CHEMICAL RESEARCH AND DEVELOPMENT LABS., EDGEWOOD ARSENAL, MD.
O-RING JOINT TUBES FOR PROTEIN-HYDROLYSATES.
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50

PHARMACOTOXIC EVALUATION OF NINE VEHICLES ADMINISTERED INTRAPERITONEALLY TO MICE.
AD-628 313 6T T 66 07 HC$ 2.60 MF$ 0.50

CHICAGO OPERATIONS OFFICE (AEC), ILL.
PROCEEDINGS OF SODIUM COMPONENTS DEVELOPMENT PROGRAM, INFORMATION MEETING, CHICAGO, ILLINOIS, JUNE 16-17, 1965.
CONF-650620 18I U 41 08 HC$ 3.00 MF$ 1.50

CHICAGO UNIV., ILL. CLOUD PHYSICS LAB.
TECHNICAL NOTE NO. 32.
AD-628 598 4B T 66 07

CHICAGO UNIV., ILL. DEPT. OF BIOPHYSICS.
REASSOCIATION OF HEMOCYANINS FROM SUBUNIT MIXTURES.
N66-11669 6A U 41 08 HC$ 1.00 MF$ 0.50

MACROMOLECULAR ORGANIZATION OF HEMO- CYANINS AND APOHEMOCYANINS AS REVEALED BY ELECTRON MICROSCOPY.
N66-11770 6A U 41 08 HC$ 3.00 MF$ 0.75

ELECTRON MICROSCOPY WITH SUPERCONDUCTING LENSES.
N66-12175 14B U 41 08 HC$ 1.00 MF$ 0.50

CHICAGO UNIV., ILL. DEPT. OF MATHEMATICS.
A FAMILY OF SPECTRAL OPERATIONS.
AD-629 032 12A T 66 08

CHICAGO UNIV., ILL. DEPT. OF MEDICINE.
HUMAN SKIN LIPIDS AND THEIR RELATION TO SKIN DISEASES.
AD-467 008 6E U 41 07 HC$ 1.00 MF$ 0.50

CHICAGO UNIV., ILL. INST. FOR THE STUDY OF METALS.
EXPERIMENTAL INVESTIGATION OF THE ELECTRONIC PROPERTIES OF SOLIDS.
AD-629 495 20L T 66 08 HC$ 1.00 MF$ 0.50

CHILE UNIV., SANTIAGO. SERVICIO NACIONAL DE SALUD.
CROSSCULTURAL DEFINITIONS FOR EPIDEMIOLOGICAL STUDIES IN MENTAL HEALTH.
AD-629 016 5J T 66 08 HC$ 1.60 MF$ 0.50

CINCINNATI UNIV., OHIO.
MATERIALS ANALYTICAL RESEARCH.
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50

A COMPARISON OF FORWARD AND BACKWARD CHAINING TECHNIQUES FOR THE TEACHING OF VERBAL SEQUENTIAL TASKS.
AD-628 944 5I T 66 08 HC$ 1.60 MF$ 0.50

AN APPROXIMATE ANALYTICAL DERIVATION OF SKIN FRICTION AND HEAT TRANSFER IN LAMINAR BINARY BOUNDARY LAYER FLOW.
AD-629 499 20D T 66 08

REVIEW OF MNEMONICS AND MNEMONOTECHNICS FOR IMPROVED MEMORY.
AD-629 594 5J T 66 08 HC$ 2.00 MF$ 0.50

CINCINNATI UNIV., OHIO. COLL. OF MEDICINE.
METABOLIC CHANGES IN HUMANS FOLLOWING TOTAL BODY IRRADIATION.
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50

CINCINNATI UNIV., OHIO. DEPT. OF AEROSPACE ENGINEERING.
EXPERIMENTAL DETERMINATION OF PRESSURE DISTRIBUTION OVER SLENDER CONES AT ANGLES OF ATTACK AT MACH 14.
AD-628 549 20D T 66 07 HC$ 4.60 MF$ 0.50

CINCINNATI UNIV., OHIO. HYPERSONIC AERODYNAMICS RESEARCH STAFF.
A SURVEY OF ASYMPTOTIC SERIES SOLUTIONS TO THE BOUNDARY LAYER EQUATIONS.
AD-628 287 20D T 66 07 HC$ 3.60 MF$ 0.50

ASYMPTOTIC METHOD OF SOLUTION OF THE FROZEN DISSOCIATED LAMINAR BOUNDARY LAYER FLOW OVER A FLAT PLATE SURFACE WITH ARBITRARILY DISTRIBUTED CATALYCITY.
AD-628 694 20D T 66 07 HC$ 2.00 MF$ 0.50

CITY COLL. OF THE CITY OF NEW YORK.
THE EXISTENCE OF SUBSONIC JETS OF A COMPRESSIBLE FLUID.
AD-628 511 20D T 66 07

CLEMSON UNIV., S. C.
SIZE EFFECTS IN RESIDUAL RESISTANCE RATIOS FOR ZINC 'WHISKERS'.
AD-629 701 20B T 66 08

CLEVITE CORP., BEDFORD, OHIO. PIEZOELECTRIC DIV.
PRODUCTION ENGINEERING MEASURE FOR CERAMIC FILTERS.
AD-629 718 9A T 66 08 HC$ 1.00 MF$ 0.50

CLEVITE CORP., CLEVELAND, OHIO. ELECTRONIC RESEARCH DIV.
STUDY OF THIN FILM LARGE AREA PHOTOVOLTAIC SOLAR ENERGY CONVERTER.
N66-10926 10A U 41 08 HC$ 2.00 MF$ 0.50

CLOTHING AND ORGANIC MATERIALS DIV., ARMY NATICK LABS., MASS.
MASS, PERMEABILITY, AND THICKNESS CHANGES IN ABRADED FABRICS.
AD-629 603 11E T 66 08 HC$ 3.00 MF$ 0.75

COAST AND GEODETIC SURVEY, ROCKVILLE, MD.
CAREER DEVELOPMENT FOR YEOMAN.
PB-169 011 5I U 41 08 HC$ 2.00 MF$ 0.50

COMPARISON TESTS OF ELECTRO-OPTICAL AND MICROWAVE DISTANCE MEASURING INSTRUMENTS.
PB-169 333 14B U 41 08 HC$ 2.60 MF$ 0.50

IDENTIFICATION OF SEISMIC PHASES SALMON EVENT.
PB-169 334 8K U 41 08 HC$ 1.10 MF$ 0.50

COAST AND GEODETIC SURVEY, WASH., D. C.
TABLES AND FORMULAS FOR COMPUTATION OF REFRACTIVE INDEX OF THE ATMOSPHERE FOR MICRO-WAVES AND LIGHT WAVES.
PB-169 332 4A U 41 08 HC$ 7.60 MF$ 0.75

REVISION OF FOURIER ANALYSIS AND SYNTHESIS PROGRAMS.
PB-169 335 8K U 41 08 HC$ 1.60 MF$ 0.50

COATES CHEMICAL LAB., LOUISIANA STATE UNIV., BATON ROUGE.
COULOSTATIC STUDY OF RESIDUAL OXYGEN IN ELECTRO-CHEMICAL INVESTIGATIONS.
AD-466 907 7D U 41 08 HC$ 2.00 MF$ 0.50

COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N. H.
ON THE MODE OF UPLIFT OF THE FISH AND FOSSILIFEROUS MORAINES OF THE MCMURDO ICE SHELF, ANTARCTICA.
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50

A THEORETICAL INVESTIGATION ON THE EFFECT OF MELTING ON FORCED CONVECTION HEAT TRANSFER.
AD-629 066 20M T 66 08 HC$ 1.60 MF$ 0.50

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION, INC., GOLDEN.
THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME I. THE EFFECT OF STRAIN RATE ON THE FLOW STRESS OF COPPER.
AD-628 865 11F T 66 07 HC$ 2.00 MF$ 0.50

THE MECHANICAL PROPERTIES OF COPPER AT HIGH STRAIN RATES. VOLUME II. ANALYTICAL AND EXPERIMENTAL PLASTIC STRAIN PROFILES IN HIGH VELOCITY IMPACT.
AD-628 977 11F T 66 08 HC$11.60 MF$ 0.75

COLORADO UNIV., BOULDER. DEPT. OF CHEMISTRY.
ASCORBIC ACID, BIOLOGICAL FUNCTION AND CHEMISTRY.
AD-466 647 6A U 41 08 HC$ 1.00 MF$ 0.50

BRIDGED POLYCYCLIC COMPOUNDS. XXX. EQUIL- IBRATION STUDIES OF SOME SUBSTITUTED DIBENZO BICYCLO (3.2.1) OCTADIENES AND DIBENZO BICYCLO (2.2.2) OCTADIENES.
AD-629 547 7C T 66 08

COLORADO UNIV., BOULDER. DEPT. OF PHYSICS.
RENORMALIZED PERTURBATION SERIES OF ELECTRODYNAMICS FROM S-MATRIX THEORY.
AD-628 409 20J T 66 07

COLUMBIA RADIATION LAB., NEW YORK.
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75

THE PHYSICS AND CHEMISTRY OF GASES AT HIGH TEMPERATURES.
AD-628 082 7D T 66 07 HC$ 1.00 MF$ 0.50

RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75

PHOTON ECHOES.
AD-629 445 20E T 66 08

COLUMBIA UNIV., NEW YORK.
FINAL REPORT.
AD-466 159 6U U 41 07 HC$ 1.00 MF$ 0.50

INTERACTION STRESSES OF EDGE DISLOCATIONS WITH OBSTACLES IN A DISCRETE CRYSTAL MODEL.
AD-628 404 20L T 66 07

FIELD ION MICROSCOPE INVESTIGATIONS OF SOLID SOLUTIONS.
N66-12990 20L U 41 08 HC$ 2.00 MF$ 0.50

COLUMBIA UNIV., NEW YORK. COLL. OF PHYSICIANS AND SURGEONS.
IN VIVO EFFECT OF NALIDIXIC ACID (NEGGRAM) ON THE DNA OF HUMAN DIPLOID CELLS IN TISSUE CULTURE.
AD-628 587 6O T 66 07

THE INACTIVATION OF CHYMOTRYPSIN BY DIPHENYLCARBAMYL CHLORIDE AND ITS REACTIVATION BY NUCLEOPHILIC AGENTS.
AD-628 645 6A T 66 07

COLUMBIA UNIV., NEW YORK. DEPT. OF CHEMICAL ENGINEERING.
HIGH-TEMPERATURE THERMAL PROPERTIES OF GASES AND VAPORS. PROGRESS REPORT, 1964/65.
CU-2660-16 20M U 41 08 HC$ 1.00 MF$ 0.50

COLUMBIA UNIV., NEW YORK. DEPT. OF CIVIL ENGINEERING AND ENGINEERING MECHANICS.
STEP LOAD MOVING WITH SUPERSEISMIC VELOCITY ON THE SURFACE OF AN ELASTIC-PLASTIC HALF-SPACE.
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75

COLUMBIA UNIV., NEW YORK. DEPT. OF MATHEMATICS.
ACTIONS OF R(N) ON MANIFOLDS.
AD-628 383 12A T 66 07 HC$ 2.60 MF$ 0.50

COLUMBIA UNIV., NEW YORK. DEPT. OF MECHANICAL ENGINEERING.
THERMAL EFFECTS ON DISLOCATION VELOCITIES IN A LINEAR CHAIN.
AD-629 668 20B T 66 08

COLUMBIA UNIV., NEW YORK. ELECTRONICS RESEARCH LABS.
SOME MULTIVARIATE DENSITY FUNCTIONS OF PRODUCTS OF GAUSSIAN VARIATES.
AD-628 721 12A T 66 07

COMMISSARIAT A L'ENERGIE ATOMIQUE, CHUSCLAN (FRANCE). CENTRE DE PRODUCTION DE PLUTONIUM DE MARCOULE.
LE CO2 DE REFROIDISSEMENT DES REACTEURS G 2/G 3 FUITES, ANALYSE, ACTIVITE (THE CO2 COOLING GAS FOR THE REACTORS G2/G3 (LEAKING, ANALYSIS, ACTIVITY)).
PB-169 228 18K U 41 08 HC$ 3.00 MF$ 0.75

COMMISSARIAT A L'ENERGIE ATOMIQUE, FONTENSAYAUX-ROSES (FRANCE). CENTRE D'ETUDES NUCLEAIRES.
ETUDE PRELIMINAIRE A LA PREPARATION D'URANIUM 232 PAR IRRADIATION DE PROTACTINIUM 231 (PRELIMINARY STUDY OF THE PREPARATION OF URANIUM 232 BY IRRADIATION OF PROTACTINIUM 231).
PB-169 164 18B U 41 07 HC$ 2.00 MF$ 0.50

COMMISSARIAT A L'ENERGIE ATOMIQUE, GRENOBLE (FRANCE). CENTRE D'ETUDES NUCLEAIRES.
DOSAGE DU CHLORE ET DU FLUOR PAR SPECTROGRAPHIE D'EMISSION EN ATMOSPHERE INERTE (SPECTROGRAPHIC DETERMINATION OF CHLORINE AND FLUORINE).
PB-169 229 7D U 41 08 HC$ 2.00 MF$ 0.50

RECHERCHE D'UNE INTENSE SOURCE DE PROTONS PULSEE A LA MICRO-SECONDE (PRODUCTION OF AN INTENSE SOURCE OF MICRO-SECOND PROTON PULSES.)
PB-169 234 20G U 41 08 HC$ 3.00 MF$ 0.75

COMMISSARIAT A L'ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D'ETUDES NUCLEAIRES.
PROCESSUS MULTIPHOTONIQUES PROGGUES PAR UN LASER (MULTI-PHOTON PROCESSES BROUGHT ABOUT BY A LASER).
PB-169 161 20H U 41 07 HC$ 1.00 MF$ 0.50

RESOLUTION DE L'EQUATION DE DIFFUSION (DEUX DIMENSIONS, PLUSIEURS REGIONS, CONTOURS QUELCONGUES) (SOLUTION OF THE DIFFUSION EQUATION (2 DIMENSIONS, SEVERAL MEDIA, ARBITRARY BOUNDARY)).
PB-169 225 18K U 41 08 HC$ 4.00 MF$ 0.75

MOBILITE DES IONS RB(+) ET CS(+) DANS LES GAZ A HAUTE PRESSION (MOBILITY OF RB(+) AND CS(+) IONS IN GASES AT HIGH PRESSURES).
PB-169 226 18K U 41 08 HC$ 3.00 MF$ 0.75

ETUDE AERODYNAMIQUE DE L'ECOULEMENT FLUIDE DANS UN CANAL DE

REACTEUR CHARGE EN ELEMENTS COMBUSTIBLES ANNULAIRES REFROIDIS INTERIEUREMENT ET EXTERIEUREMENT (AERODYNAMIC STUDY OF THE FLUID FLOW IN THE CHANNEL OF A REACTOR FILLED WITH INTERNALLY AND EXTERNALLY COOLED FUEL ELEMENTS).
PB-169 227 10K U 41 08 HC$ 3.00 MF$ 0.75

ETUDE DE L'INTERACTION DE PAIRE DANS QUELQUES METAUX NORMAUX (A CALCULATION OF THE PAIR-INTERACTION FUNCTION IN SOME NORMAL METALS.)
PB-169 231 7D U 41 08 HC$ 3.00 MF$ 0.75

ETUDE DES FLUCTUATIONS DES LARGEURS RADIATIVES PARTIELLES ET TOTALES PAR LA CAPTURE DES NEUTRONS DE RESONANCE (STUDY OF THE FLUCTUATIONS OF THE PARTIAL AND TOTAL RADIATIVE WIDTHS BY NEUTRON CAPTURE RESONANCE METHOD.)
PB-169 232 20H U 41 08 HC$ 4.00 MF$ 0.75

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, SYDNEY (AUSTRALIA). DIV. OF PHYSICS.
THERMAL EXPANSION OF GERMANIUM AND SILICON AT LOW TEMPERATURES.
AD-628 423 20M T 66 07

THERMAL PROPERTIES OF SILICA AT LOW TEMPERATURES.
AD-628 424 20L T 66 07

THERMAL EXPANSION OF MAGNETIC METALS AT LOW TEMPERATURES.
AD-629 558 20L T 66 08

COMMUNICATION RESEARCH INST., MIAMI, FLA.
ANIMALS IN AQUATIC ENVIRONMENTS: ADAPTATION OF MAMMALS TO THE OCEAN.
AD-628 408 8A T 66 07

COMPUTER CONCEPTS, INC., SILVER SPRING, MD.
STUDY OF COMPUTERS TO IMPROVE COMMAND POST EXERCISES.
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25

CONTROL RESEARCH ASSOCIATES, COLLEGE PARK, MD.
ADVANCE RESEARCH ON CONTROL SYSTEMS FOR THE SATURN LAUNCH VEHICLE.
N66-10639 22B U 41 08 HC$ 6.00 MF$ 1.25

COOK ELECTRIC CO., MORTON GROVE, ILL. TECH-CENTER DIV.
RADIOISOTOPE HEAT SOURCE EVALUATION PROGRAM.
N66-12928 18B U 41 08 HC$ 6.00 MF$ 1.50

COPENHA EN UNIV., HELSINGOER (DENMARK). MARINE BIOLOGICAL LAB.
LIFE HISTORY AND BIOLOGY OF KRONBORGIA AMPHIPODICOLA CHRISTENSEN AND KANNEWORFF (TURBELLARIA, NEORHABDOCOELA).
AD-628 590 8A T 66 07

FEEDING BIOLOGY OF THE SEA-STAR LUIDIA SARSI DUBEN AND KOREN.
AD-628 592 8A T 66 07

COPENHAGEN UNIV., HELSINGOER (DENMARK). MARINE BIOLOGICAL LAB.
ON THE CILIATE FAUNA ASSOCIATED WITH THE MARINE SPECIES OF THE AMPHIPOD GENUS GAMMARUS J. G. FABRICIUS,
AD-628 589 8A T 66 07

LIFE CYCLE, FOOD, AND GROWTH OF THE AMPHIPOD AMPELISCA MACROCEPHALA LILJEBORG FROM THE OERESUND.
AD-628 591 8A T 66 07

CORNELL AERONAUTICAL LAB., INC., BUFFALO, N. Y.
A METHOD FOR PREDICTING THE AERODYNAMIC LOADS AND DYNAMIC RESPONSE OF ROTOR BLADES.
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75

REFLECTOR SURFACE DEVIATIONS IN LARGE PARABOLIC ANTENNAS.
AD-629 410 9E T 66 08

ROCKET BASE FLOW FIELD STUDIES USING AN ELECTRON BEAM PROBE.
N66-10619 20M U 41 08 HC$ 1.00 MF$ 0.50

ESTIMATES OF NONEQUILIBRIUM IONIZATION PHENOMENA IN THE INVISCID APOLLO PLASMA SHEATH.
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75

CORNELL UNIV., ITHACA, N. Y.
THE HYDROMAGNETICS OF AN ELLIPSOID MOVING IN AN ALIGNED FIELD.
AD-629 417 20I T 66 08

THE DYNAMICS OF CRYOSORPTION PUMPING.
N65-35069 13H U 41 07 HC$ 1.00 MF$ 0.50

CORNELL UNIV., ITHACA, N. Y. DEPT. OF BIOCHEMISTRY.
EFFECT OF PHOSPHORYLATED COMPOUNDS AND INHIBITORS ON CO2 FIXATION BY INTACT SPINACH CHLOROPLASTS.
AD-628 270 6A T 66 07

CORNELL UNIV., ITHACA, N. Y. DEPT. OF CHEMISTRY.
DEPENDENCE OF THE PROBABILITIES OF VIBRATIONAL DE-EXCITATION ON INTERACTION POTENTIALS.
AD-628 395 7D T 66 07

CORNELL UNIV., ITHACA, N. Y. DEPT. OF ENGINEERING PHYSICS.
INVESTIGATIONS OF ATOMIC PHENOMENA OCCURRING ON OR NEAR THE SURFACE OF SOLIDS BY METHODS OF ULTRA HIGH VACUUM ELECTRON DIFFRACTION AND ELECTRON MICROSCOPY.
AD-628 520 20B T 66 07 HC$ 1.00 MF$ 0.50

A GENERALIZED MODEL FOR THE CHEMISORPTION BEHAVIOR OF NITROGEN ON TUNGSTEN.
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75

DIFFUSION OF OXYGEN IN MAGNESIUM OXIDE.
AD-629 481 20B T 66 08 HC$ 5.00 MF$ 1.00

DISLOCATION STRUCTURES IN CLEAVED MAGNESIUM OXIDE.
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50

CORNELL UNIV., ITHACA, N. Y. LAB. OF ATOMIC AND SOLID STATE PHYSICS.
ORIGIN OF ANOMALOUS SURFACE REFLECTION OF X RAYS.
AD-629 257 20H T 66 08

RESONANT ENERGY TRANSFER BETWEEN EXCITED F-CENTERS IN KI.
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50

HALL COEFFICIENT OF HUBBARD'S MODEL.
AD-629 433 20L T 66 08 HC$ 1.00 MF$ 0.50

CORNELL-DUBILIER ELECTRONICS DIV., FEDERAL PACIFIC ELECTRIC CO., NORWOOD, MASS.
PRODUCTION ENGINEERING MEASURE FOR CAPACITORS, FEED-THROUGH, SOLID ELECTROLYTE TANTALUM PELLET.
AD-629 199 9A T 66 08 HC$ 1.00 MF$ 0.50

COURANT INST. OF MATHEMATICAL SCIENCES, NEW YORK UNIV., N. Y.
SEMI-INFINITE DIFFRACTION GRATINGS. II. INWARD RESONANCE.
AD-628 647 20F T 66 07

NON-COERCIVE BOUNDARY VALUE PROBLEMS.
AD-628 714 12A T 66 07

STRUCTURE OF THE BOLTZMANN COLLISION OPERATOR.
AD-629 152 20D T 66 08

COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS, VOLUME XIX, NUMBER 1, FEBRUARY, 1966.
AD-629 435 12A T 66 08 MF$ 0.75

ON BOLTZMANN'S H-THEOREM.
AD-629 536 20H T 66 08

COWLES FOUNDATION FOR RESEARCH IN ECONOMICS, YALE UNIV., NEW HAVEN, CONN.
MEASURABLE, TRANSFERABLE, COMPARABLE UTILITY AND MONEY.
AD-628 785 5C T 66 07 HC$ 2.00 MF$ 0.50

CTS CORP., ELKHART, IND. RESEARCH AND DEVELOPMENT DIV.
PRODUCTION ENGINEERING MEASURE FOR SUBMINIATURE, TRANSISTOR TYPE POTENTIOMETERS.
AD-628 280 14B T 66 07 HC$ 1.00 MF$ 0.50

DANISH METEOROLOGICAL INST., COPENHAGEN. GEOPHYSICAL SECTION.
IONOSPHERIC RESEARCH USING SATELLITES.
AD-628 802 22B T 66 07 HC$ 1.10 MF$ 0.50

DARTMOUTH COLL., HANOVER, N. H.
NOTES ON THE MULTIDIMENSIONAL SCALING OF ELASTIC DISTANCES.
AD-629 278 9B T 66 08 HC$ 2.00 MF$ 0.75

TWO-PHASE FLOW AND BOILING HEAT TRANSFER.
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50

DAVID SARNOFF RESEARCH CENTER, PRINCETON, N. J.
AN ANALYSIS OF FACTORS LIMITING SEISMIC DETECTOR SENSITIVITY.
AD-628 933 8K T 66 08 HC$ 4.00 MF$ 0.75

DAVID TAYLOR MODEL BASIN, WASHINGTON, D. C. ACOUSTICS AND VIBRATION LAB.
CALCULATED NATURAL FREQUENCIES AND NORMAL MODES OF THE GUIDED MISSILE CRUISER USS LONG BEACH (CG(N)-9).
AD-628 441 13J T 66 07 HC$ 5.60 MF$ 0.50

FORCES ON A SUBMARINE HULL INDUCED BY THE PROPELLER.
AD-628 774 13J T 66 07 HC$ 1.60 MF$ 0.50

LONGITUDINAL VIBRATION OF PROPULSION SYSTEM ON USS SIMON LAKE (AS-33).
AD-629 273 13J T 66 08 HC$ 3.60 MF$ 0.50

DAVID TAYLOR MODEL BASIN, WASHINGTON, D. C. AERODYNAMICS LAB.
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 9.45.
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50

CALM-WATER RESISTANCE CHARACTERISTICS OF A 25-PERCENT-SCALE MODEL OF A HYPOTHETICAL CAPTURED AIR BUBBLE (CAB) LANDING VEHICLE.
AD-628 831 13J T 66 07 HC$ 1.60 MF$ 0.50

DAVID TAYLOR MODEL BASIN, WASHINGTON, D. C. APPLIED MATHEMATICS LAB.
NUMERICAL DETERMINATION OF SPHEROIDAL WAVE FUNCTION EIGENVALUES AND EXPANSION COEFFICIENTS.
AD-628 760 12A T 66 07 HC$ 5.00 MF$ 1.00

DAVID TAYLOR MODEL BASIN, WASHINGTON, D. C. HYDROMECHANICS LAB.
TMB 3-BLADED SUPERCAVITATING PROPELLER SERIES.
AD-628 092 13J T 66 07 HC$ 2.00 MF$ 0.50

THE FORCE AND MOMENT ON A SLENDER BODY OF REVOLUTION MOVING NEAR A WALL.
AD-628 161 20D T 66 07 HC$ 1.60 MF$ 0.50

TESTING SHIP MODELS IN TRANSIENT WAVES.
AD-628 440 13J T 66 07 HC$ 4.60 MF$ 0.50

RESISTANCE AND EHP OF A 'FOIL-MARAN' CONFIGURATION AS PREDICTED FROM SMOOTH WATER TESTS OF MODEL 4836-3.

AD-628 555 13J T 66 07 HC$ 2.60 MF$ 0.50

CAVITATION TESTS OF A TRACTOR PROPELLER ARRANGEMENT FOR THE PC(H).
AD-628 854 13J T 66 07 HC$ 4.60 MF$ 0.50

MINIMUM PRESSURE ENVELOPES FOR MODIFIED NACA-66 SECTIONS WITH NACA A=0.8 CAMBER AND BUSHIPS TYPE I AND TYPE II SECTIONS.
AD-629 379 20D T 66 08 HC$ 4.60 MF$ 0.50

SUPERCAVITATING PROPELLER THEORY. PART I. THE DERIVATION OF INDUCED VELOCITY EQUATIONS AND FORMULATION OF AN INITIAL DESIGN PROCEDURE.
AD-629 735 13J T 66 08 HC$ 3.60 MF$ 0.50

DAVID TAYLOR MODEL BASIN, WASHINGTON, D. C. STRUCTURAL MECHANICS LAB.
HYDROSTATIC PRESSURE TESTS OF CYLINDERS FABRICATED FROM HOLLOW-FILAMENT, GLASSREINFORCED PLASTIC,
AD-628 442 20D T 66 07 HC$ 1.00 MF$ 0.50

MAN'S RESPONSE TO SHIP SHOCK MOTIONS,
AD-628 891 6S T 66 08 HC$ 2.00 MF$ 0.50

EFFECTS OF TEMPERING ABOVE THE LOWER CRITICAL TEMPERATURE A SUB C1 ON THE PROPERTIES OF AN HY-80 STEEL.
AD-628 979 13H T 66 08 HC$ 2.00 MF$ 0.50

DEFENCE CHEMICAL BIOLOGICAL AND RADIATION LABS., OTTAWA (ONTARIO).
THE EFFECT OF X-RADIATION ON THE CELL SIZE DISTRIBUTION OF THYMUS LYMPHOCYTES,
AD-628 121 6R T 66 07

DEFENCE CHEMICAL, BIOLOGICAL AND RADIATION LABS., OTTAWA (ONTARIO).
THE CLEAVAGE OF PHOSPHORUS TO NITROGEN BONDS WITH HYDROGEN FLUORIDE,
AD-629 744 7C T 66 08

DEFENCE RESEARCH BOARD, OTTAWA (ONTARIO).
UNUSUAL AUDIBILITY OF THE SUFFIELD EXPLOSION IN CANADA, JULY 1964,
AD-629 364 20A T 66 08

DEFENCE RESEARCH MEDICAL LABS., TORONTO (ONTARIO).
DETERIORATION OF SIGNAL DETECTABILITY DURING A VIGILANCE TASK AS A FUNCTION OF BACKGROUND EVENT RATE,
AD-629 100 5J T 66 08

PRESENTATION RATE, REPETITION, AND ORGANIZATION IN AUDITORY SHORT-TERM MEMORY.
AD-629 102 5J T 66 08

DEFENCE RESEARCH MEDICAL LABS., TORONTO (ONTARIO). SENSORY CAPACITIES SECTION.
A NOISE EXPOSURE DURATION INDICATOR.
AD-629 101 14C T 66 08

DEFENCE RESEARCH NORTHERN LAB., FORT CHURCHILL (MANITOBA).
AURORAL HEIGHTS OVER CHURCHILL, MANITOBA, DURING INTERNATIONAL QUIET SOLAR YEAR,
AD-629 318 4A T 66 08

A TEMPERATURE CURVE FOR THE UPPER ATMOSPHERE FROM 80 TO 160 KM BASED ON 3 914 A N2+ ROTATIONAL TEMPERATURES IN AURORA,
AD-629 360 4A T 66 08

DEFENCE RESEARCH TELECOMMUNICATIONS ESTABLISHMENT, OTTAWA (ONTARIO).
A NEW TECHNIQUE FOR THE MEASUREMENT OF THE ELECTRON/ION TEMPERATURE RATIO AT HIGH ALTITUDES,
AD-629 310 4A T 66 08

DEFENSE RESEARCH LAB., UNIV. OF TEXAS, AUSTIN.
EFFECTS OF TOPOGRAPHY AND REFRACTIVE INDEX ON LOW-ANGLE 3 CM RADIO WAVES.
AD-629 226 20N T 66 08 HC$11.60 MF$ 0.75

QUARTERLY STATUS REPORT NO. 3 ON CONTRACT CGS-1198, 1 MAY THROUGH 31 JULY 1964.
PB-169 199 8K U 41 07 HC$ 1.00 MF$ 0.50

DELAWARE UNIV., NEWARK. CENTER FOR RESEARCH ON SOCIAL BEHAVIOR.
SOME CORRELATES OF THE DON'T-KNOW RESPONSE IN OPINION QUESTIONNAIRES,
AD-629 147 5J T 66 08

DELAWARE UNIV., NEWARK. DEPT. OF ELECTRICAL ENGINEERING.
COMMUNICATION CHARACTERISTICS OF PHOTOELECTRIC DETECTION.
AD-628 546 9D T 66 07 HC$ 3.00 MF$ 0.75

QUANTUM FIELD THEORETICAL MODELS OF COMMUNICATION SYSTEMS.
AD-628 711 9D T 66 07 HC$20.80 MF$ 1.25

MAXIMIZATION OF TRANSINFORMATION IN PHOTODETECTION.
AD-628 807 9E T 66 07 HC$ 6.60 MF$ 0.75

PHOTOELECTRON STATISTICS FOR VARIABLE TIME AND BANDWIDTH.
AD-628 808 9D T 66 07 HC$ 5.60 MF$ 0.50

DELAWARE UNIV., NEWARK. DEPT. OF PHYSICS.
HIGH AMPLITUDE CURRENT AND OPTICAL TRANSMISSION OSCILLATIONS IN CDS SINGLE CRYSTALS.
AD-628 122 20L T 66 07 HC$ 1.10 MF$ 0.50

AD-628 453 20L T 66 07 HC$ 1.10 MF$ 0.50

DENVER UNIV., COLO.
EFFECTS OF ION BEAM EXCITATION ON CHARGE TRANSFER CROSS SECTION MEASUREMENTS,
N65-17280 20H U 41 07 HC$ 1.00 MF$ 0.50

DEPARTMENT OF COMMERCE, WASHINGTON, D. C. OFFICE OF STATE TECHNICAL SERVICES.
CONFERENCE ON STATE TECHNICAL SERVICES (2ND), DECEMBER 9-10, 1965, STATLER HILTON HOTEL, WASHINGTON, D. C.
PB-169 325 5C U 41 07 HC$ 3.60 MF$ 0.50

DEPARTMENT OF DEFENSE, WASHINGTON, D. C.
COBOL, EDITION 1965.
AD-629 729 9B T 66 08 MF$ 1.50

DEPARTMENT OF THE ARMY, WASHINGTON, D. C.
GUIDE FOR THE TALLIN RESIDENT,
AD-628 418 8F T 66 07 HC$ 2.00 MF$ 0.50

STRUCTURAL-MECHANICAL PROPERTIES OF STARCH PASTES,
AD-628 419 6H T 66 07 HC$ 1.00 MF$ 0.50

ON PROTEINS OF CABBAGE: REPORT 1. AMINO ACID CONTENT OF PROTEINS,
AD-628 420 6A T 66 07 HC$ 1.00 MF$ 0.50

THE EFFECT OF WETTING CORN GRAIN ON ITS PHYSICO-MECHANICAL PROPERTIES,
AD-628 421 6H T 66 07 HC$ 1.00 MF$ 0.50

CONCERNING CREAM-FORMING CAPACITY OF BUTTER,
AD-628 422 6H T 66 07 HC$ 1.00 MF$ 0.50

A SYSTEM FOR AUTOMATIC PRESSURE RECORDING IN SUBLIMATION DRYING,
AD-628 428 14B T 66 07 HC$ 1.00 MF$ 0.50

A CONFERENCE ON SUBLIMATION DRYING OF FOOD PRODUCTS,
AD-628 429 6H T 66 07 HC$ 1.00 MF$ 0.50

CONCERNING SOME FEATURES OF WETTING AND DEHYDRATION OF GRAIN,
AD-628 430 6H T 66 07 HC$ 1.00 MF$ 0.50

THE PHYSIOOGEOGRAPHIC ZONING OF THE IRRIGABLE AREA OF CENTRAL ASIA,
AD-628 530 8F T 66 07 HC$ 1.00 MF$ 0.50

THE MECHANISM OF ACTION OF FIRNS ON THEIR BEDS,
AD-628 531 8L T 66 07 HC$ 1.00 MF$ 0.50

CONCERNING THE HISTORY OF ZONING OF RUSSIA,
AD-628 532 8F T 66 07 HC$ 1.00 MF$ 0.50

CHRONICLE: ALL UNION CONFERENCE ON LANDSCAPING IN ALMA-ATA (6TH),
AD-628 533 8F T 66 07 HC$ 1.00 MF$ 0.50

SOME NEW DATA ABOUT THE INVISIBLE SIDE OF THE MOON,
AD-628 534 3A T 66 07 HC$ 1.00 MF$ 0.50

THE DOCKERS OF ARKHANGELSK,
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50

TASHKENT IN THE SIXTH FIVE-YEAR PLAN,
AD-628 840 8F T 66 07 HC$ 1.10 MF$ 0.50

DEVELOPMENT OF INTERNATIONAL TIES IN THE FIELD OF GEOGRAPHY AND PREPARATION FOR THE INTERNATIONAL GEOGRAPHIC CONGRESS (20TH),
AD-628 841 8F T 66 07 HC$ 1.00 MF$ 0.50

NATURAL RESOURCES, CONSERVATION AND TRANSFORMATION OF NATURE (EXPERIENCE GAINED IN DETERMINING THE INFLUENCE OF LARGE RESERVOIRS ON LOCAL CLIMATE),
AD-628 842 8F T 66 07 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF PRODUCTIVE CAPACITY IN ECONOMIC REGIONS OF THE USSR (INTEGRATED EXPLOITATION OF NATURAL RESOURCES IN THE NORTHERN PART OF THE OB' BASIN),
AD-628 843 8F T 66 07 HC$ 1.00 MF$ 0.50

A CONSIDERATION OF CERTAIN PREREQUISITES FOR THE INDUSTRIAL DEVELOPMENT OF SMALL AND MEDIUM-SIZE CITIES IN THE CENTRAL ECONOMIC REGION,
AD-628 844 8F T 66 07 HC$ 1.00 MF$ 0.50

IMPROVING ECONOMIC DISTRICTING IN THE KAZAKH SSR IN CONNECTION WITH THE DEVELOPMENT OF THE NEW FIVE-YEAR PLAN FOR 1966 - 1970,
AD-628 845 8F T 66 07 HC$ 1.00 MF$ 0.50

IN INTERNATIONAL SCIENTIFIC ORGANIZATIONS (AUSTRALIAN SYMPOSIUM ON WATER RESOURCES),
AD-628 846 8H T 66 07 HC$ 1.00 MF$ 0.50

NEWS ITEMS (CONGRESS OF GEOGRAPHERS OF THE UKRANIAN SSR (1ST)),
AD-628 847 8F T 66 07 HC$ 1.00 MF$ 0.50

OXIDATION-RESISTANT MATERIALS, A HANDBOOK,
AD-629 106 11F T 66 08 HC$ 5.00 MF$ 1.00

AGROCLIMATIC HANDBOOK FOR TYUMEN' OBLAST (SOUTHERN PART),
AD-629 662 4B T 66 08 HC$ 1.00 MF$ 0.50

DEPARTMENT OF THE NAVY, WASHINGTON, D. C.
POLYESTER GLASS PLASTICS FOR SHIPBUILDING,
AD-628 097 13J T 66 07 HC$ 6.00 MF$ 1.25

PROTECTION OF STEEL AND LIGHT ALLOYS WITH POLYVINYL BUTYRAL PHOSPHATIZING PRIMERS VL-023,

AD-628 185 11C T 66 07 HC$ 1.00 MF$ 0.50

TRAVELLING ON THE BOTTOM OF THE SEA: HOW THE RELIEF OF OCEAN AND SEA BOTTOM IS FORMED.
AD-628 192 8J T 66 07 HC$ 5.60 MF$ 0.50

MODEL TESTS OF ELECTROCHEMICAL PROTECTION AGAINST CORROSION OF SHIPS' HULLS AND DETERMINATION OF EFFECT OF PROPELLERS ON THE CONDITIONS OF FUNCTIONING OF THIS PROTECTION.
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50

RAPID METHODS OF TESTING ANTIFOULING PAINTS FOR OCEAN-GOING SHIPS.
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50

ORGANIC MATTER IN SEDIMENTS IN THE NORWEGIAN SEA AND CONDITIONS FOR THE ACCUMULATION OF SUCH MATTER.
AD-628 195 8A T 66 07 HC$ 2.60 MF$ 0.50

AN INVESTIGATION OF COATINGS USED AS ANODE SCREENS IN CATHODIC PROTECTION (ISSLEDOVANIYE POKRYTIY OLYA PRIMENENIYA IKH V KACHESTVYE OKOLOANODYNKH EKRANOV PRI KATODNOY ZASHCHITYE).
AD-628 196 11C T 66 07

AN ALL WEATHER RESCUE LAUNCH.
AD-629 167 13J T 66 08 HC$ 1.00 MF$ 0.50

JOINTS USED IN PLASTIC AND COMPOSITE SHIP- BOARD SUPERSTRUCTURES, DECKHOUSES, LIGHT BULKHEADS, AND ENCLOSURES.
AD-629 509 13E T 66 08 HC$ 1.00 MF$ 0.50

THE PROSPECTS FOR USING SAND CONCRETES FOR BUILDING REINFORCED CONCRETE SHIPS, ARMORED CEMENT SHIPS, AND ONE-PIECE INTERSECTIONAL JOINTS.
AD-629 510 13J T 66 08 HC$ 1.00 MF$ 0.50

NONLINEAR INTERACTION BETWEEN A SPHERICAL SHOCK WAVE AND FREE SURFACE WATER CAUSED BY THE EXPLOSION OF A DEEP CHARGE.
AD-629 670 19D T 66 08 HC$ 1.00 MF$ 0.50

METHODS OF SPECTRAL ANALYSIS. GENERAL INFORMATION ON LUMINESCENCE AND ITS ANALYSIS.
AD-629 671 7E T 66 08 HC$ 1.60 MF$ 0.50

THE USE OF A DEEP-WATER GAMMA RADIOMETER FOR THE MEASUREMENT OF RADIOACTIVITY IN THE OCEAN.
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50

FUNDAMENTALS OF SUBMARINE THEORY.
AD-629 673 13J T 66 08 HC$ 1.00 MF$ 0.50

PLASTICS-BASED ANTICORROSIVE COATINGS NO. 28. SYNTHETIC COATINGS FOR SHIPS' HULLS.
AD-629 731 11C T 66 08 HC$ 1.10 MF$ 0.50

DETONATION OF CONDENSED EXPLOSIVES WITH LOW CHARGE DENSITIES.
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50

DEVICE DEVELOPMENT CORP., WALTHAM, MASS.
DATA REDUCTION OF CHEMICAL RELEASES IN THE UPPER ATMOSPHERE OF LOW-INTENSITY OPTICAL EMISSIONS CAUSED BY THE RELEASES AND DESIGN AND DEVELOPMENT OF PAYLOADS TO PRODUCE LUMINARY TRAIL AND POINT RELEASES AT ALTITUDES ABOVE 80 KM.
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50

DIAMOND ORDNANCE FUZE LABS., WASHINGTON, D. C.
MEASUREMENT OF PARTICLE SIZE OF COMPONENTS OF GASLESS MIXTURES.
PB-169 368 14B U 41 08 HC$ 3.60 MF$ 0.50

DIRECTORATE OF PHYSICAL RESEARCH, DEFENCE RESEARCH BOARD, OTTAWA (ONTARIO).
ON THE OCEANOGRAPHY OF THE NANSEN SOUND FIORD SYSTEM.
AD-628 145 8J T 66 07

DIRECTORATE OF SCIENTIFIC INFORMATION SERVICES, OTTAWA (ONTARIO).
GEOMAGNETIC FIELD INVERSION (REVERSAL) IN THE LOWER DEVONIAN.
AD-628 786 8N T 66 07 HC$ 1.60 MF$ 0.50

A PROVEN CASE OF GEOMAGNETIC FIELD INVERSION.
AD-628 787 8N T 66 07 HC$ 1.10 MF$ 0.50

DIVISION OF BIOLOGY AND MEDICINE (AEC), WASHINGTON, D. C.
RADIOACTIVE FALLOUT FROM NUCLEAR WEAPONS TESTS.
CONF-765 18H U 41 08 HC$ 6.50 MF$ 3.75

DIVISION OF BIOLOGY AND MEDICINE (AEC). WASHINGTON, D. C. FALLOUT STUDIES BRANCH.
NATURAL ENVIRONMENTAL RADIOACTIVITY, AN ANNOTATED BIBLIOGRAPHY.
WASH-1061 18H U 41 07 HC$ 4.00 MF$ 1.00

DIVISION OF INTERNATIONAL AFFAIRS (AEC), WASHINGTON, D. C.
AN ECONOMIC STUDY OF THE C.E.N. RADIOACTIVE WASTE TREATMENT PLANT.
TID-21786 18G U 41 07 HC$ 3.00 MF$ 0.75

DIVISION OF ISOTOPES DEVELOPMENT (AEC), WASHINGTON, D. C.
RADIATION PASTEURIZATION OF FOODS.
CONF-651024 6H U 41 08 HC$ 6.00 MF$ 1.25

DIVISION OF RAW MATERIALS (AEC), WASHINGTON, D. C.
EXAMINATION OF SELECTED AREAS IN PERU.
RME-4530 8G U 41 08 HC$ 2.00 MF$ 0.50

RECONNAISSANCE FOR URANIUM IN NORTHEAST COASTAL BRAZIL.
RME-4545 8G U 41 07 HC$ 2.00 MF$ 0.50

DIVISION OF TECHNICAL INFORMATION EXTENSION (AEC), OAK RIDGE, TENN.
REACTOR SAFETY. A LITERATURE SEARCH.
TID-3525 18I U 41 07 HC$ 3.00 MF$ 0.75

DIVISION OF TECHNICAL INFORMATION EXTENSION (AEC), OAK RIDGE, TENN.
PHYSIOLOGICAL STUDIES EMPLOYING RADIOISOTOPES.
TID-3515 18B U 41 07 HC$ 6.00 MF$ 1.50

DONALDSON CO., INC., MINNEAPOLIS, MINN. RESEARCH AND DEVELOPMENT DIV.
AUTOMATICALLY CLEANED FILTER FOR 3400 CFM GAS TURBINE.
AD-628 235 13K T 66 07 HC$ 2.60 MF$ 0.50

DORNE AND MARGOLIN, INC., WESTBURY, N. Y.
THE DESIGN OF AN OMNIDIRECTIONAL ANTENNA SYSTEM FOR THE APOLLO SPACECRAFT.
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25

DOUGLAS AIRCRAFT CO., INC., LONG BEACH, CALIF.
THREE DIMENSIONAL POTENTIAL FLOW, COMPUTER PROGRAM.
PB-169 328 9B U 41 07 HC$47.00

DOUGLAS AIRCRAFT CO., INC., SANTA MONICA, CALIF. ASTROPOWER LAB.
INORGANIC SEPARATOR FOR HIGH TEMPERATURE SILVER-ZINC BATTERY.
N66-10655 10C U 41 08 HC$ 4.00 MF$ 0.75

DOUGLAS AIRCRAFT CO., INC., SANTA MONICA, CALIF. MISSILE AND SPACE SYSTEMS DIV.
ON THE EFFECTS OF THE VERTICAL WIND SHEAR ON THE DEVELOPMENT AND STRUCTURE OF CONVECTION.
AD-628 223 4B T 66 07 HC$ 1.00 MF$ 0.50

STRESS ANALYSIS OF ENCAPSULATION MATERIALS FOR WELDED MODULES.
AD-628 833 9E T 66 07 HC$ 3.00 MF$ 0.75

DREXEL INST. OF TECH., PHILADELPHIA, PA. MATHEMATICS DEPT.
METHODS FOR SYSTEMATIC GENERATION OF LIAPUNOV FUNCTIONS /PART ONE/.
N66-10626 12A U 41 08 HC$ 7.00 MF$ 2.00

METHODS FOR SYSTEMATIC GENERATION OF LIAPUNOV FUNCTIONS /PART TWO/.
N66-10627 12A U 41 08 HC$ 7.00 MF$ 1.75

DU PONT DE NEMOURS E. I. AND CO., AIKEN, S. C. SAVANNAH RIVER LAB.
STRESS CORROSION CRACKING OF TITANIUM ALLOYS.
N66-10876 11F U 41 08 HC$ 1.00 MF$ 0.50

DU PONT DE NEMOURS (E. I.) AND CO., AIKEN, S. C. SAVANNAH RIBER LAB.
PRODUCTION OF TRANSPLUTONIUM ELEMENTS AT SAVANNAH RIVER.
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50

DU PONT DE NEMOURS (E. I.) AND CO., AIKEN, S. C. SAVANNAH RIVER LAB.
FUEL SPACER DEVELOPMENT.
DP-1002 18I U 41 08 HC$ 2.00 MF$ 0.50

ISOLATING AMERICIUM AND CURIUM FROM AL(NO3)3-NANO3-NO3 SOLUTIONS BY BATCH EXTRACTION WITH TRIBUTYL PHOSPHATE.
DP-972 7E U 41 08 HC$ 1.00 MF$ 0.50

LEAKS IN RADIOACTIVE-WASTE TANKS.
DP-990 18G U 41 08 HC$ 2.00 MF$ 0.50

DUBLIN UNIV. (EIRE). SCHOOL OF ENGINEERING.
MECHANICAL VIBRATION: A DRIVING MECHANISM FOR COMBUSTION INSTABILITY IN ROCKET ENGINES.
AD-628 920 21B T 66 08 HC$ 3.60 MF$ 0.50

AN EXPERIMENTAL AND THEORETICAL ANALYSIS OF CYLINDRICAL LIQUID JETS SUBJECTED TO VIBRATION.
AD-629 243 20D T 66 08

DUKE UNIV., DURHAM, N. C. DEPT. OF CHEMISTRY.
CONDENSATIONS AT THE TERMINAL METHYL GROUP OF 1,3,5-TRIKETONES BY MEANS OF SODAMIDE IN LIQUID AMMONIA.
AD-629 497 7C T 66 08

DUNLAP AND ASSOCIATES, INC., DARIEN, CONN.
APPARENT MOVEMENT PHENOMENA ON CRT DISPLAYS - THRESHOLD DETERMINATIONS OF APPARENT MOVEMENTS OF PULSED LIGHT SOURCES.
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50

DUPONT DE NEMOURS (E. I.) AND CO., AIKEN, S. C. SAVANNAH RIVER LAB.
EFFECT OF MICROSTRUCTURE ON CAVITATIONAL SWELLING OF DILUTE URANIUM ALLOYS.
CONF-650904-4 18J U 41 08 HC$ 1.00 MF$ 0.50

AUTOMATED ANALYSIS OF LITHIUM SOLUTIONS.
DP-985 7B U 41 08 HC$ 1.00 MF$ 0.50

CONTROL OF THE DISSOLVED GASES IN THE MODERATOR OF THE HEAVY WATER COMPONENTS TEST REACTOR.
DP-988 18I U 41 08 HC$ 2.00 MF$ 0.50

DUPONT DE NEMOURS, E. I. AND CO., INC., WILMINGTON, DEL. ENGINEERING PHYSICS LAB.
THE FORMATION AND PROPERTIES OF CERTAIN COMETARY SPECIES.
N66-10757 7E U 41 08 HC$ 3.00 MF$ 0.75

DYNASCIENCES CORP., FORT WASHINGTON, PA.
AN INVESTIGATION OF PROPELLER SLIPSTREAM EFFECTS ON V/STOL AIRCRAFT PERFORMANCE AND STABILITY.
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00

DYNATECH CORP., CAMBRIDGE, MASS.
SUPERCONDUCTING ELECTRICAL MACHINERY AS A MEANS OF POWER TRANSMISSION IN AIRCRAFT.
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75

EAGLE-PICHER CO., JOPLIN, MO. COUPLES DEPT.
ADVANCED DEVELOPMENT MODELS OF VENTED NICKEL-CADMIUM BATTERIES.
AD-629 419 10C T 66 08 HC$ 4.60 MF$ 0.50

EARTH SCIENCES DIV., ARMY NATICK LAB., MASS.
A METHOD FOR PREDICTING THE PROBABLE FREQUENCY OF DAILY MINIMUM TEMPERATURES FROM SUMMARIZED DATA.
AD-628 766 4B T 66 07 HC$ 3.00 MF$ 0.75

ECOLE NORMALE SUPERIEURE, PARIS (FRANCE). LABORATOIRE DE PHYSIQUE.
BAND STRUCTURE AND DISPERSION RELATIONS IN II-VI COMPOUNDS.
AD-629 201 20H T 66 08 HC$ 1.00 MF$ 0.50

EDGERTON, GERMESHAUSEN AND GRIER, INC., LAS VEGAS, NEV.
EXPERIMENTAL RADIATION MEASUREMENTS IN CONVENTIONAL STRUCTURES. PART III. THE ATTENUATION OF AIR-SCATTERED RADIATION IN A BASEMENT.
CEX-59.7B 18H U 41 08 HC$ 1.00 MF$ 0.75

EDINBURGH UNIV. (SCOTLAND).
A RELATIONSHIP BETWEEN ADRENALINE AND THE MODE OF ACTION OF OXYTOCIN AND OESTROGEN ON VASCULAR SMOOTH MUSCLE.
AD-628 389 6P T 66 07

EDUCATIONAL TESTING SERVICE, PRINCETON, N. J.
A STRONG TRUE-SCORE THEORY, WITH APPLICATIONS.
AD-628 260 5J T 66 07

EITEL-MCCULLOUGH, INC., SAN CARLOS, CALIF.
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-401 050 9A U 41 07 HC$ 2.00

AD-408 398 9A U 41 07 HC$ 3.00

AD-421 001 9A U 41 07 HC$ 2.00

AD-427 895 9A U 41 07 HC$ 3.00

AD-437 141 9A U 41 07 HC$ 3.00

ELECTRIC STORAGE BATTERY, CO., YARDLEY, PA.
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75

ELECTRICAL ENGINEERING RESEARCH LAB., CORNELL UNIV., ITHACA, N. Y.
MAXIMAL-RATIO DIVERSITY COMBINERS.
AD-628 993 17B T 66 08 HC$ 3.00 MF$ 0.50

ELECTRICAL ENGINEERING RESEARCH LAB., UNIV. OF TEXAS, AUSTIN.
AN INVESTIGATION OF THE MAGNETOTELLURIC METHOD FOR DETERMINING SUBSURFACE RESISTIVITIES.
AD-629 071 8G T 66 08 HC$ 4.00 MF$ 0.75

ELECTRONIC DEFENSE LABS., MOUNTAIN VIEW, CALIF.
ANTENNA STUDY FOR COVERT APPLICATIONS.
AD-629 148 9E T 66 08 HC$ 3.00 MF$ 0.75

ELECTRONIC DEFENSE LABS., SYLVANIA ELECTRONIC SYSTEMS-WEST, MOUNTAIN VIEW, CALIF.
MICROWAVE OPTICAL RECEIVER TECHNIQUES.
AD-629 242 17B T 66 08 HC$ 2.00 MF$ 0.50

CONSTANT-BEAMWIDTH ANTENNA DEVELOPMENT.
AD-629 306 9E T 66 08 HC$ 3.00 MF$ 0.75

VARACTOR-TUNED FILTERS AT MICROWAVE FREQUENCIES.
AD-629 631 9A T 66 08 HC$ 2.00 MF$ 0.50

ELECTRONIC SYSTEMS DIV., L. G. HANSCOM FIELD, MASS. DECISION SCIENCES LAB.
CONTEXTUAL CORRELATES OF SYNONYMY.
AD-628 108 5G T 66 07

INFORMATION TRANSMISSION IN A PATTERN DISCRIMINATION TASK AS A FUNCTION OF INITIAL TASK DIFFICULTY.
AD-628 109 5J T 66 07

EFFECT OF INTENSITY CHANGES IN AUXILIARY STIMULI ON AUDITORY AND VISUAL SIGNAL DETECTION.
AD-628 188 5J T 66 07 HC$ 6.60 MF$ 0.75

ELECTRO-OPTICAL SYSTEMS, INC., PASADENA, CALIF.
BASIC RESEARCH ON GAS FLOWS THROUGH ELECTRIC ARCS. PHASE III. STUDIES OF THE INLET REGION.
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75

ELECTRO-VOICE, INC., BUCHANAN, MICH.
LIGHTWEIGHT AUDIO ACCESSORIES.
AD-628 672 17B T 66 07 HC$ 1.60 MF$ 0.50

ELIEZER KAPLAN SCHOOL OF ECONOMICS AND SOCIAL SCIENCES, HEBREW UNIV., JERUSALEM (ISRAEL).
ROLE BEHAVIOUR AND SOCIAL STRUCTURE.
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75

EMERSON ELECTRIC CO., ST. LOUIS, MO. ELECTRONICS AND SPACE DIV.
PERFORMANCE EVALUATION OF THERMO-LAG MATERIAL FOR ENTRY HEAT PROTECTION OF ADVANCED MANNED SPACECRAFT.
N66-10712 11A U 41 08 HC$ 6.00 MF$ 1.25

EMMANUEL COLL., BOSTON, MASS.
SATELLITE OBSERVATIONS OF LOW-ENERGY PRIMARY COSMIC RAY NUCLEI OF CHARGES Z > OR= 6.
AD-628 631 4A T 66 07

ENGINEERS JOINT COUNCIL, NEW YORK.
ACTION PLAN FOR IMPROVED DISSEMINATION OF ENGINEERING INFORMATION.
PB-169 318 5B U 41 07 HC$ 1.10 MF$ 0.50

PB-169 320 5B U 41 07 HC$ 1.60 MF$ 0.50

ENRICO FERMI INST. FOR NUCLEAR STUDIES, UNIV. OF CHICAGO, ILL.
DYNAMICS AND STRUCTURE OF THE OUTER RADIATION BELT.
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75

ENRICO FERMI INST. FOR NUCLEAR STUDIES, CHICAGO UNIV., ILL.
PROTONS AND HELIUM NUCLEI WITHIN INTERPLANETARY MAGNETIC REGIONS WHICH COROTATE WITH THE SUN.
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50

ENTELEK, INC., NEWBURYPORT, MASS.
COMPUTER-ASSISTED INSTRUCTION: A SURVEY OF THE LITERATURE.
AD-628 953 5I T 66 08 HC$ 2.00 MF$ 0.50

EWEN KNIGHT CORP., EAST NATICK, MASS.
MOLECULAR ATMOSPHERIC OXYGEN HORIZON STUDY RADIOMETRIC MEASUREMENT INSTRUMENT.
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75

FAIRCHILD SEMICONDUCTOR DIV., FAIRCHILD CAMERA AND INSTRUMENT CORP., MOUNTAIN VIEW, CALIF.
PRODUCTION ENGINEERING MEASURE FOR IMPPOVEMEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR IMPROVEMENT OF PRODUCTION TECHNIQUE TO INCREASE THE RELIABILITY FOR PNP INTERMEDIATE POWER SILICON PLANAR SWITCHING TRANSISTORS INCLUDING 2N3502.
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50

FARR CYTOCHEMICAL LABS., CAMDEN, MAINE.
RESEARCH ON CELL WALL CYTOCHEMISTRY OF SELECTED FUNGI.
AD-628 045 6A T 66 07 HC$ 3.00 MF$ 0.75

FEDERAL AVIATION AGENCY, WASHINGTON, D. C. AVIATION ECONOMICS STAFF.
COMMERCIAL SUPERSONIC TRANSPORT AIRCRAFT AND THE DOMESTIC AIR TRAVEL MARKET.
AD-629 572 1E T 66 08 HC$ 2.60 MF$ 0.50

FELTMAN RESEARCH LABS., PICATINNY ARSENAL, DOVER, N. J.
SMOKE MARKER DETECTION AND IDENTIFICATION STUDY.
AD-467 335 19A U 41 07 HC$ 3.00 MF$ 0.75

FEASIBILITY STUDY FOR THE DEVELOPMENT OF A SMOKE TRACER FOR AN APDS SHOT.
AD-467 449 19A U 41 08 HC$ 1.00 MF$ 0.50

SUPERSONIC FLOW ABOUT RIGHT CIRCULAR CONES AT ZERO YAW IN AIR AT THERMODYNAMIC EQUILIBRIUM. PART II. TABLES OF DATA.
AD-628 539 20D T 66 07 HC$11.25 MF$ 3.00

CONTRIBUTION TO THE STUDY OF THE INITIATION OF DETONATION PRODUCED BY IMPACT ON AN EXPLOSIVE.
AD-628 984 19D T 66 08 HC$ 4.00 MF$ 1.00

FIELD EMISSION CORP., MCMINNVILLE, ORES.
DEVELOPMENT OF AN ULTRAFAST MODERATE ENERGY PULSE POWER SYSTEM.
AD-628 506 10B T 66 07 HC$30.70 MF$ 1.50

FLORIDA STATE UNIV., TALLAHASSEE.
RADIOCHEMISTRY OF ARSENIC.
NAS-NS-3002 7E U 41 08 HC$ 1.00 MF$ 0.50

FLORIDA STATE UNIV., TALLAHASSEE. SEDIMENTOLOGY RESEARCH LAB.
MARINE GEOLOGY, USNS ELTANIN CRUISES 9-15.
PB-169 184 8J U 41 08 HC$ 7.00 MF$ 1.50

FLORIDA UNIV., GAINESVILLE.
THE EFFECTS OF STAGE FOUR SLEEP DEPRIVATION.
AD-629 171 6P T 66 08

AN ELECTROENCEPHALOGRAPHIC STUDY OF THE EFFECTS OF MEPROBAMATE ON HUMAN SLEEP.
AD-629 563 6O T 66 08

FLORIDA UNIV., GAINESVILLE. BUREAU OF ECONOMIC AND BUSINESS RESEARCH.
TRENDS IN THE INDUSTRIAL AND OCCUPATIONAL COMPOSITION OF THE LABOR MARKET IN THE CAPE KENNEDY AREA.
N66-10759 5I U 41 08 HC$ 1.00 MF$ 0.50

ANALYSIS OF SELECTED SERVICE TRADES IN THE CAPE KENNEDY AREA.
N66-11756 5C U 41 08 HC$ 2.00 MF$ 0.50

PROJECTIONS OF THE SIZE AND INDUSTRIAL COMPOSITION OF THE LABOR FORCE IN THE CAPE KENNEDY REGION.
N66-11775 5C U 41 08 HC$ 1.00 MF$ 0.50

FLORIDA UNIV., GAINESVILLE. COLL. OF MEDICINE.

SLEEP PATTERNS IN YOUNG ADULTS: AN EEG STUDY.
AD-628 254 6E T 66 07

FORDHAM UNIV., NEW YORK.
THE THERMODYNAMICS AND KINETICS OF COORDINATION COMPOUNDS.
TID-21668 7C U 41 07 HC$ 3.00 MF$ 0.75

FOREIGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
THE MECHANICAL TANTALUM SUTURE IN GASTRIC RESECTIONS.
AD-628 347 6L T 66 07 HC$ 3.00 MF$ 0.75

TRANSISTORS AND SEMICONDUCTOR DIODES.
AD-628 187 9A T 66 07 HC$68.10 MF$ 3.00

METHOD OF STORING ELECTRICAL ENERGY.
AD-628 299 10C T 66 07 HC$ 1.10 MF$ 0.50

METHOD OF MEASURING THE TEMPERATURE OF OBJECTS OF DIFFICULT ACCESS AT TIME OF OPERATION.
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50

INVESTIGATION OF THE ROLE OF FREE RADICALS IN THE ACETALDEHYDE POLYMERIZATION PROCESS IN THE SOLID PHASE UNDER GAMMA-IRRADIATION.
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50

TRANSACTIONS OF THE ALL-UNION SCIENTIFIC METEOROLOGICAL CONFERENCE (SELECTED ARTICLES).
AD-628 302 4B T 66 07 HC$14.70 MF$ 1.00

WINGS IN HYPERSONIC FLOW.
AD-628 303 20D T 66 07 HC$ 3.60 MF$ 0.50

FLAME PROPAGATION UNDER CONDITIONS OF AN IGNITION PENINSULA OF HYDROGEN-OXYGEN MIXTURES.
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50

SONIC AND ULTRASONIC OSCILLATIONS DURING DYNAMIC TESTS OF MATERIALS.
AD-628 307 20K T 66 07 HC$21.60 MF$ 1.25

MAIN GEOPHYSICAL OBSERVATORY (SELECTED ARTICLES).
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50

CONFERENCE OF THE I. P. PAVLOV ALL-UNION PHYSIOLOGICAL SOCIETY (NO.10), EREVAN, 1964. VOLUME II ABSTRACTS OF SYMPOSIA PAPERS.
AD-628 309 6P T 66 07 HC$31.90 MF$ 1.50

MEASURING DEVICES.
AD-628 310 14B T 66 07 HC$59.10 MF$ 2.50

DYNAMIC BALANCING OF ROTORS OF GYROSCOPIC SYSTEMS.
AD-628 504 17G T 66 07 HC$29.70 MF$ 1.50

INSTRUCTION SYSTEM AND PROGRAMMING FOR THE BESM-2.
AD-628 507 9B T 66 07 HC$41.20 MF$ 2.00

STABILITY OF ELASTIC SYSTEMS.
AD-628 508 20K T 66 07 HC$13.45 MF$ 4.00

NEWS OF INSTITUTIONS OF HIGHER LEARNING. AERONAUTICAL ENGINEERING (COLLECTION OF ARTICLES).
AD-628 788 20D T 66 07 HC$23.40 MF$ 1.25

LENINGRAD. MAIN GEOPHYSICAL OBSERVATORY. TRANSACTIONS.
AD-628 789 4B T 66 07 HC$19.70 MF$ 1.25

ORGANIZATION OF LABOR OF MEDICAL PERSONNEL.
AD-629 164 5I T 66 08 HC$ 8.60 MF$ 0.75

PLASTICS (SELECTED ARTICLES).
AD-629 165 11I T 66 08 HC$ 4.60 MF$ 0.50

TREMATODES OF ANIMALS AND MAN (FUNDAMENTALS OF TREMATODOLOGY, VOLUME 20).
AD-629 166 6C T 66 08 HC$10.40 MF$ 2.75

AN ASYMPTOTE SOLUTION TO THE PROBLEM OF DETERMINING THE TEMPERATURE OF GAS TURBINE BLADES.
AD-629 227 21E T 66 08 HC$ 1.00 MF$ 0.50

CERTAIN PROPERTIES OF CALCIUM-OXIDE REFRACTORIES.
AD-629 228 11B T 66 08 HC$ 1.00 MF$ 0.50

HIGH-FREQUENCY OSCILLATIONS RESULTING FROM THE INTERACTION OF AN ELECTRON BEAM WITH PLASMA.
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50

MEDICINE IMPROVES THE STATE OF MIND.
AD-629 411 6O T 66 08 HC$ 1.10 MF$ 0.50

CORRELATION RECEIVER FOR THE STUDY OF COSMIC RADIAL RADIATION AT LAMBDA = 21 CM.
AD-629 412 3B T 66 08 HC$ 1.60 MF$ 0.50

POWDER METAL MATERIALS FOR MANUFACTURING LARGE-SCALE PARTS IN MACHINE-BUILDING AND CONSTRUCTION.
AD-629 413 11D T 66 08 HC$ 1.10 MF$ 0.50

INVESTIGATION OF ULTRASONIC ATOMIZERS OF LIQUIDS AND MELTS.
AD-629 414 14B T 66 08 HC$ 1.00 MF$ 0.50

MOLTEN METALS AS HIGH-TEMPERATURE LUBRICANTS.
AD-629 415 11H T 66 08 HC$ 1.00 MF$ 0.50

APPLIED MATHEMATICS AND MECHANICS (SELECTED ARTICLES).
AD-629 416 20D T 66 08 HC$ 4.60 MF$ 0.50

PROBLEMS OF RADIATION SAFETY OF SPACE FLIGHTS. PHYSICAL AND BIOLOGICAL INVESTIGA- TIONS WITH HIGH-ENERGY PROTON.
AD-629 421 6R T 66 08 HC$22.70 MF$ 1.25

RADIATION SAFETY.
AD-629 422 6R T 66 08 HC$ 1.60 MF$ 0.50

NEWS OF INSTITUTIONS OF HIGHER LEARNING. PHYSICS. (SELECTED ARTICLES).
AD-629 423 20L T 66 08 HC$ 2.60 MF$ 0.50

THEORY OF GYROSCOPIC DEVICES. PART II. CHAPTERS 7-11.
AD-629 424 17G T 66 08 HC$ 8.40 MF$ 2.25

INTRODUCTION TO THE TECHNICAL THEORY OF STABILITY OF MOTION.
AD-629 440 20K T 66 08 HC$23.60 MF$ 1.25

NEWS OF INSTITUTIONS OF HIGHER LEARNING. AERONAUTICAL ENGINEERING (COLLECTION OF ARTICLES), NO. 4, 1963.
AD-629 441 1B T 66 08 HC$26.30 MF$ 1.25

SYNTHESIS OF FLAT-APERTURE ANTENNAS.
AD-629 442 9E T 66 08 HC$ 1.10 MF$ 0.50

PROBLEMS OF MARXIST-LENINIST ESTHETICS AND ESTHETIC EDUCATION.
AD-629 469 5F T 66 08 HC$ 5.00 MF$ 1.00

DETERMINING THE DENSITY OF A GAS BEHIND A SHOCK WAVE FROM SHADOW PHOTOGRAPHY.
AD-629 471 20D T 66 08 HC$ 2.60 MF$ 0.50

UNSTEADY STATE DESTRUCTION OF GLASS-LIKE MATERIALS IN A SUPERSONIC GAS.
AD-629 472 7D T 66 08 HC$ 1.60 MF$ 0.50

A RED BEAM IN THE BLACK SKY.
AD-629 473 17B T 66 08 HC$ 1.10 MF$ 0.50

ON THE APPROXIMATE MODELING OF COMBUSTION CHAMBERS OF GAS TURBINES ON NATURAL GAS.
AD-629 474 21E T 66 08 HC$ 1.60 MF$ 0.50

GAS EJECTOR.
AD-629 475 13K T 66 08 HC$ 1.10 MF$ 0.50

FORSVARETS FORSKNINGSINSTITUTT, KJELLER (NORWAY).
DIGITAL SIMULATION OF A DIGITAL SPECTRUM ANALYZER.
AD-629 387 14B T 66 08 HC$ 2.00 MF$ 0.50

FORSVARETS FORSKNINGSINSTITUTT, KJELLER (NORWAY).
INPUT OPERATIONAL AMPLIFIER.
AD-629 389 9E T 66 08 HC$ 1.00 MF$ 0.50

FRANKFORD ARSENAL, PHILADELPHIA, PA. COMPONENTS ENGINEERING DIRECTORATE.
MECHANICAL DELAY ARMING DEVICE FOR OFF CENTER SPIN APPLICATION.
AD-629 456 19A T 66 08 HC$ 3.60 MF$ 0.50

ADAPTION OF XM30 CATAPULT TO OPERATIONAL CONDITIONS. TASK I. DESIGN OF CATAPULT, AIR- CRAFT EJECTION SEAT: XM31. TASK II. MODIFICA- TION TO AIRCRAFT SEATS AND ROCKET CATAPULTS FOR ACTUATION OF COMPENSATING NOZZLES.
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50

FRANKFORD ARSENAL, PHILADELPHIA, PA. SMALL CALIBER ENGINEERING DIRECTORATE.
AN ELECTRONIC TRIGGERING DEVICE FOR BOOBY TRAP AND PERIMETER DEFENSE APPLICATIONS.
AD-628 764 15G T 66 07 HC$ 1.00 MF$ 0.50

FRANKFORD ARSENAL, PHILADELPHIA, PA. FIRE CONTROL ENGINEERING DIRECTORATE.
IDEEA NETWORK IMPLEMENTATION, FISCAL YEAR 1965.
AD-629 225 5B T 66 08 HC$ 2.00 MF$ 0.50

FRANKLIN INST., PHILADELPHIA, PA.
IMPACT RESISTANCE OF CASKS.
CONF-641201-16 13D U 41 07 HC$ 2.00 MF$ 0.75

FRANKLIN INST., PHILADELPHIA, PA. LABS. FOR RESEARCH AND DEVELOPMENT.
STRUCTURAL INTEGRITY OF SHIPPING CONTAINERS FOR RADIOACTIVE MATERIALS. PART IV. A DISCUSSION OF APPROACHES TO THE VEHICLECOLLISION PROBLEM.
NYO-2539-3 13D U 41 07 HC$ 1.00 MF$ 0.50

FREIE UNIVERSITAET BERLIN (WEST GERMANY). PHYSIOLOGISCHES INSTITUT.
UBER DAS UNTERSCHIEDLICHE VERHALTEN DER DIURESE BEI INTRAPORTALEN UND INTRACAVALEN INFUSIONEN VON WASSER UND 0,90/0 NACLLOSUNG AN DER WACHEN RATTE (THE DIFFERENT DIURETIC EFFECTS OF WATER AND ISOTONIC SALINE INFUSION INTO THE PORTAL VEIN AND VENA CAVA OF THE UNANESTHETIZED RAT).
AD-628 372 6P T 66 07

FREIE UNIVERSITAET BERLIN (WEST GERMANY). PHYSIOLOGISCHES INSTITUT.
UBER DEN EINFLUB KURZZEITIGER ABKLEMMUNG DER VENA PORTAE AUF DIE DIURESE UND DEN ARTERIELLEN BLUTDRUCK DER WACHEN RATTE (THE EFFECT OF SHORT-TERM OCCLUSION OF THE PORTAL VEIN ON DIURESIS AND ARTERIAL BLOOD PRESSURE IN THE UNANESTHETIZED RAT).
AD-629 210 6P T 66 08

DIE BEEINFLUSSUNG DER BADEDIURESE DURCH ADIURETIN (THE EFFECT OF ADH ON IMMERSION DIURESIS).
AD-629 211 6P T 66 08

FRITZ ENGINEERING LAB., LEHIGH UNIV., BETHLEHEM, PA.
STRUCTURAL SUBASSEMBLAGES PREVENTED FROM SWAY.
AD-628 209 13B T 66 07

STHENGTH OF SINGLE-STORY STEEL FRAMES.
AD-628 210 13B T 66 07

STIFFENED PANELS AND WELDED CONTINUOUS FRAMED.
AD-628 978 13M T 66 08 HC$ 1.00 MF$ 0.50

EFFECT OF IMPELLER DESIGN CHANGES ON CHARACTERISTICS OF A MODEL DREDGE PUMP.
AD-629 012 13K T 66 08 HC$22.00 MF$ 1.25

GARRETT CORP., LOS ANGELES, CALIF. AIRESEARCH MFG. DIV.
587 - KVA 24,000-RPM ALTERNATOR. PART NO. 546136-1-1.
AD-629 562 10B T 66 08 HC$ 4.60 MF$ 0.50

GATES AND CRELLIN LABS. OF CHEMISTRY, CALIF. INST. OF TECH., PASADENA.
EXCITON STRUCTURE IN TWO TRIPLET STATES OF CRYSTALLINE NAPHTHALENE.
AD-628 722 7D T 66 07

GCA CORP., BEDFORD, MASS.
ERROR ANALYSIS ON INVERSION TECHNIQUES.
N65-25012 4A U 41 07 HC$ 2.00 MF$ 0.50

GCA TECHNOLOGY DIV, GCA CORP., BEDFORD, MASS.
EXPERIMENTAL AND THEORETICAL STUDIES IN PLANETARY AERONOMY.
N66-12248 4A U 41 08 HC$ 4.00 MF$ 1.00

GCA TECHNOLOGY DIV., GCA CORP., BEDFORD, MASS.
ROCKET OBSERVATIONS OF SPORADIC E AND RELATED FEATURES OF THE E REGION.
N66-11748 4A U 41 08 HC$ 2.00 MF$ 0.50

GENERAL AMERICAN RESEARCH DIV. GENERAL TRANSPORTATION CORP., NILES, ILL.
TRANSPORTATION SHOCK AND VIBRATION, VOLUME 2, APPENDIX D.
N66-10937 20K U 41 08 HC$ 7.00 MF$ 1.75

GENERAL AMERICAN RESEARCH DIV., GENERAL AMERICAN TRANSPORTATION CORP., NILES, ILL.
SHELTER PACKAGE VENTILATION KIT.
AD-629 633 13A T 66 08 HC$ 4.00 MF$ 0.75

AD-629 634 13A T 66 08 HC$ 1.00 MF$ 0.50

GENERAL AMERICAN TRANSPORTATION CORP., NILES, ILL. MRD DIV.
NONDESTRUCTIVE TESTING FOR EVALUATION OF STRENGTH OF BONDED MATERIAL.
N66-11761 13H U 41 08 HC$ 4.00 MF$ 1.00

GENERAL ATOMIC CORP., SAN DIEGO, CALIF. JOHN JAY HOPKINS LAB. FOR PURE AND APPLIED SCIENCE.
RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50

GENERAL ATOMIC DIV., GENERAL DYNAMICS CORP., SAN DIEGO, CALIF.
ACCELERATOR PULSED FAST ASSEMBLY.
AD-466 666 20G U 41 08 HC$ 3.00 MF$ 0.75

RADIATION EFFECTS ON SILICON SOLAR CELLS.
N66-10638 10A U 41 08 HC$ 1.00 MF$ 0.50

N66-10645 10A U 41 08 HC$ 1.00 MF$ 0.50

GENERAL ATOMIC, SAN DIEGO, CALIF.
INTERACTIONS BETWEEN HYDROGEN AND OXYGEN ATOMS AND SURFACES.
AD-628 066 7D T 66 07 HC$ 1.00 MF$ 0.50

CYCLOTRON WAVES IN A COLLISIONLESS PLASMA.
N66-12532 20I U 41 07 HC$ 1.00 MF$ 0.50

GENERAL ATOMIC, SAN DIEGO, CALIF. JOHN JAY HOPKINS LAB. FOR PURE AND APPLIED SCIENCE.
NUCLEAR PULSE PROPULSION.
AD-450 629 21F U 41 08 HC$ 1.00

USE OF NEUTRON ACTIVATION ANALYSIS IN SCIENTIFIC CRIME DETECTION. 12-MONTH SUMMARY REPORT FOR THE PERIOD NOVEMBER 1, 1963-OCTOBER 31, 1964.
GA-6152 20H U 41 08 HC$ 3.00 MF$ 0.75

THEORETICAL STUDY OF SPACE PLASMAS.
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75

GENERAL DYNAMICS/ASTRONAUTICS, SAN DIEGO, CALIF.
WATER MANAGEMENT SUBSYSTEM SPECIFICATION FOR SPACE FLIGHTS OF EXTENDED TIME PERIODS. LIFE SUPPORT SYSTEM FOR SPACE FLIGHTS OF EXTENDED TIME PERIODS.
N66-10552 6K U 41 08 HC$ 2.00 MF$ 0.50

PRODUCIBILITY OF POTTING COMPOUNDS.
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50

CAPACITANCE MASS SENSING OF BOILING PROPELLANTS.
N66-11244 21H U 41 08 HC$ 3.00 MF$ 0.50

POST-BUCKLING STRENGTH OF A PRESSURIZED CYLINDER.
N66-11245 20K U 41 08 HC$ 1.00 MF$ 0.50

GENERAL DYNAMICS/ASTRONAUTICS, SAN DIEGO, CALIF. CONVAIR DIV.
ZERO-G REPORT. LH2. FILM BOILING.
N66-11241 20M U 41 08 HC$ 1.00 MF$ 0.50

GENERAL DYNAMICS/ASTRONAUTICS, SAN DIEGO, CALIF. SPACE SCIENCE LAB.
RE-ENTRY PHYSICS RESEARCH.
AD-441 930 22C U 41 08 HC$ 3.00

UNIFIED REFRACTIVE INDEX AND DISPERSION EQUATIONS.
AD-628 473 20F T 66 07

MAGNETIC FIELD DIFFUSION ASSOCIATED WITH AN IONIZING SHOCK WAVE INTERACTING WITH AN ELECTROMAGNETIC FIELD.
AD-629 260 20I T 66 08

HIGH-RESOLUTION STUDIES OF TYPE III SOLAR EMISSION AT 11.4-METER WAVELENGTH.
AD-629 343 3B T 66 08

MEASUREMENTS OF ABSOLUTE TOTAL CROSS SECTIONS FOR RARE-GAS SCATTERING.
AD-629 362 7D T 66 08

GENERAL DYNAMICS/CONVAIR, SAN DIEGO, CALIF.
ATLAS/CENTAUR LAUNCH-ON-TIME STUDY.
N66-11240 22D U 41 08 HC$ 4.00 MF$ 0.75

GENERAL ELECTRIC CO., AUBURN, N. Y. SEMICONDUCTOR PRODUCTS DEPT.
RESEARCH AND DEVELOPMENT OF SILICON CON- TROLLED RECTIFIERS FOR HIGH FREQUENCY AMPLIFIER APPLICATIONS.
AD-628 214 9A T 66 07 HC$ 2.60 MF$ 0.50

GENERAL ELECTRIC CO., BALTIMORE, MD. INSULATOR DEPT.
ENGINEERING SERVICES IN CONNECTION WITH TEST OF EXISTING OPEN AND CLOSED TYPE GUY INSULATORS AND A FEASIBILITY STUDY OF IMPROVED DESIGNS FOR HIGH STRENGTH ALUMOWELD CABLES.
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50

GENERAL ELECTRIC CO., CINCINNATI, OHIO. ADVANCED TECHNOLOGY SERVICES.
ENTHALPY AND THERMAL EXPANSION OF SEVERAL REFRACTORY METALS TO 2500 DEGREE C.
GE-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50

GENERAL ELECTRIC CO., CINCINNATI, OHIO. NUCLEAR MATERIALS AND PROPULSION OPERATION.
MEASURED GAMMA SPECTRA BEHIND VARIOUS THICKNESSES OF BERYLLIUM, BERYLLIUM OXIDE, AND LITHIUM HYDRIDE.
APEX-700 18J U 41 08 HC$ 3.00 MF$ 1.00

GENERAL ELECTRIC CO., CINCINNATI, OHIO. SPACE POWER AND PROPULSION SECTION.
POTASSIUM CORROSION TEST LOOP DEVELOPMENT. MATERIAL SPECIFICATIONS FOR ADVANCED REFRACTORY ALLOYS.
N66-10673 11F U 41 08 HC$ 6.00 MF$ 1.50

POTASSIUM CORROSION TEST LOOP DEVELOPMENT.
N66-12126 14B U 41 08 HC$ 4.00 MF$ 0.75

GENERAL ELECTRIC CO., HUDSON FALLS, N. Y. CAPACITOR DEPT.
PRODUCTION ENGINEERING MEASURE POLYCARBONATE PLASTIC FILM.
AD-629 733 11I T 66 08 HC$ 1.00 MF$ 0.50

GENERAL ELECTRIC CO., IRMO, S. C. ELECTRONIC SPECIALTY CAPACITOR BUSINESS SECTION.
PRODUCTION ENGINEERING MEASURE FOR IMPROVED RELIABILITY OF HERMETICALLY SEALED TANTALUM FOIL CAPACITORS.
AD-629 385 9A T 66 08 HC$ 1.00 MF$ 0.50

GENERAL ELECTRIC CO., LYNCHBURG, VA. COMMUNICATION PRODUCTS DEPT.
MICROMINIATURE CRYSTAL UNIT TYPE CR-(XM-47) /U PRODUCTION ENGINEERING MEASURE.
AD-628 337 9A T 66 07 HC$ 2.00 MF$ 0.50

GENERAL ELECTRIC CO., PHILADELPHIA, PA. MISSILE AND SPACE DIV.
EXTRA THERMAL IONIZATION AND MHD FLOWS.
AD-628 065 20I T 66 07 HC$ 1.00 MF$ 0.50

NONSIMILAR MIXING OF CHEMICALLY REACTING STREAMS.
AD-628 629 20D T 66 07 HC$ 2.00 MF$ 0.50

HYPERSONIC RAREFIED PLASMA FLOW.
AD-628 924 20I T 66 08 HC$ 1.10 MF$ 0.50

ELECTRICALLY-PROPELLED CARGO VEHICLE FOR SUSTAINED LUNAR SUPPLY OPERATIONS.
N66-10612 22B U 41 08 HC$ 6.00 MF$ 1.25

DEVELOPMENT OF DATA UNFOLDING TECHNIQUES FOR CONTOURED SEMICONDUCTOR NEUTRON SPECTROMETER.
N66-10648 18N U 41 08 HC$ 3.00 MF$ 0.75

SOLAR THERMIONIC FLIGHT EXPERIMENTAL STUDY. VOLUME IV-APPENDICES.
N66-10682 10A U 41 08 HC$ 5.00 MF$ 1.25

RESEARCH ON SPACECRAFT AND POWERPLANT INTEGRATION PROBLEMS SPACECRAFT ANALYSIS.
N66-10713 22B U 41 08 HC$ 5.00 MF$ 1.25

R F TRANSPARENT, ENERGY ABSORBING, STRUCTURAL ELEMENTS, PHASE II.
N66-10885 22B U 41 08 HC$ 5.00 MF$ 1.00

THERMAL INTEGRATION OF ELECTRICAL POWER AND LIFE SUPPORT SYSTEMS FOR MANNED SPACE STATIONS.
N66-11249 6K U 41 08 HC$ 7.00 MF$ 1.75

GENERAL ELECTRIC CO., PHILADELPHIA, PA. MISSILE AND SPACE DIV.
DENSITY OF PULSED PLASMA.
AD-628 516 20I T 66 07 HC$ 2.60 MF$ 0.50

GENERAL ELECTRIC CO., PITTSFIELD, MASS. ORDNANCE DEPT.
DESIGN AND MANUFACTURE OF DIRECT CURRENT TORQUER AMPLIFIERS.
N66-10625 9C U 41 08 HC$ 2.00 MF$ 0.50

GENERAL ELECTRIC CO., RICHLAND, WASH. HANFORD ATOMIC PRODUCTS OPERATION.
FUEL CONSERVATION INDEXES FOR THERMAL REACTORS,
HW-79287 18I U 41 07 HC$ 3.00 MF$ 0.75

CONTINUOUS ELECTROWINNING OF PLUTONIUM METAL. SCALEUP STUDIES: PROGRESS REPORT,
RL-SEP-244(DEL.) 7B U 41 07 HC$ 2.00 MF$ 0.50

GENERAL ELECTRIC CO., SCHENECTADY, N. Y. ADVANCED TECHNOLOGY LABS.
A TIME-OF-FLIGHT ELECTRON VELOCITY SPECTROMETER FOR LOW ENERGY COLLISION MEASUREMENTS.
AD-466 782 20F U 41 08 HC$ 3.00 MF$ 0.75

GENERAL ELECTRIC CO., SCHENECTADY, N. Y. RESEARCH AND DEVELOPMENT CENTER.
HOT CORROSION MECHANISM STUDIES.
AD-629 598 11F T 66 08 HC$ 4.00 MF$ 0.75

GENERAL ELECTRIC CO., SCHENECTADY, N. Y. RESEARCH AND DEVELOPMENT CENTER.
NEW SOLID-STATE DEVICE CONCEPTS.
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50

GENERAL ELECTRIC CO., SYRACUSE, N. Y. ELECTRONICS LAB.
LARGE-AREA ELECTRONIC DISPLAY PANEL,
AD-294 845 9A U 41 08 HC$ 4.00

SATELLITE-TO-SATELLITE RADIO PROPAGATION EXPERIMENT.
AD-628 222 20N T 66 07 HC$12.60 MF$ 1.00

MAGNETO-OPTICAL DISPLAY PANEL WITH MEMORY.
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50

GENERAL PRECISION, INC., BINGHAMTON, N. Y. LINK DIV.
DESIGN STUDY FOR VISUAL CUE SIMULATOR.
N65-24042 14B U 41 07 HC$ 1.00 MF$ 0.50

GENERAL PRECISION, INC., LITTLE FALLS, N. J. AEROSPACE RESEARCH CENTER.
SELECTIVE ENHANCEMENT OF FLUORESCENCE FROM SOME RARE-EARTH SALTS IN SOLUTION,
AD-628 585 7D T 66 07

GENERAL PRECISION, INC., LITTLE FALLS, N. J. AEROSPACE GROUP.
LIQUID LASER PARAMETERS.
AD-628 526 20E T 66 07 HC$ 2.60 MF$ 0.50

GENOA UNIV. (ITALY). ISTITUTO GEOFISICO E GEODETICO.
UPPER ATMOSPHERE VLF SOURCE (ON WHISTLERS AND VLF EMISSIONS RECORDED AT ROBURENT, NORTH ITALY).
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50

GEOLOGICAL SURVEY, DENVER, COLO.
SEISMIC STUDY OF CRUSTAL STRUCTURE IN THE SOUTHERN ROCKY MOUNTAINS.
AD-628 163 8G T 66 07 HC$ 1.00 MF$ 0.50

GEOPHYSICS CORP. OF AMERICA, BEDFORD, MASS.
OBSERVED CHARACTERISTICS OF IONOSPHERIC WINDS,
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50

GEORGE WASHINGTON UNIV., WASHINGTON, D. C.
OBSERVATIONS ON EARLY PATHOLOGIC EFFECTS OF PHOTIC INJURY TO THE RABBIT RETINA. A LIGHT AND ELECTRON MICROSCOPIC STUDY,
AD-628 478 6E T 66 07

GEORGIA INST. OF TECH., ATLANTA. ENGINEERING EXPERIMENT STATION.
STUDY OF RECEIVER MIXER CHARACTERISTICS.
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50

VISCOUS HYPERSONIC FLOW WITH PARABOLIC AXIALLY SYMMETRIC SHOCK.
AD-629 044 20D T 66 08 HC$ 1.00 MF$ 0.50

THEORY OF COAGULATION AND PRECIPITATION OF PARTICLES OF AEROSOL IN TURBULENT FLOW OF GAS. ON THE COEFFICIENT OF CAPTURE OF AEROSOL PARTICLES.
AD-629 045 7D T 66 08 HC$ 1.00 MF$ 0.50

INVESTIGATION OF THIN SAMPLES OF MINERAL ROCK UNDER CONDITIONS OF SHEAR DUE TO TORSION AND UNIDIRECTIONAL STRESS.
AD-629 046 8G T 66 08 HC$ 1.00 MF$ 0.50

GEORGIA INST. OF TECH., ATLANTA. SCHOOL OF ELECTRICAL ENGINEERING.
BIBLIOGRAPHY AND SUMMARY OF METHODS RELATED TO THE ERROR ANALYSIS OF HYBRID COMPUTERS,
N66-13078 9B U 41 08 HC$ 2.00 MF$ 0.50

GEORGIA UNIV., ATHENS. DEPT. OF CHEMISTRY.
HYDROCARBON DIANION RADICALS,
AD-629 549 7C T 66 08

GEOSCIENCE, INC., CAMBRIDGE, MASS.
RESULTS OF DEEP RESISTIVITY MEASUREMENTS IN SIX PRECAMBRIAN AREAS OF THE WESTERN U. S.
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50

DEEP RESISTIVITY INVESTIGATIONS IN THE CONTINENTAL UNITED STATES.
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75

GEOTECH DIV., TELEDYNE INDUSTRIES, INC., GARLAND, TEX.
STUDY OF SHORT-PERIOD SEISMIC NOISE.
AD-628 883 8K T 66 07 HC$ 6.60 MF$ 0.75

GHENT RIJKSUNIVERSITEIT (BELGIUM).
WELDING OF VERY THICK STEELS.
EURAEC-1106 13H U 41 07 HC$ 6.00 MF$ 1.25

GIANNINI SCIENTIFIC CORP., SANTA ANA, CALIF.
STUDY OF THE FACTORS AFFECTING THE EFFICIENCY IN THERMAL ACCELERATION OF PROPELLANTS.
AD-629 168 21C T 66 08 HC$ 5.00 MF$ 1.00

GIBBS LAB., YALE UNIV., NEW HAVEN, CONN.
TECHNIQUE FOR FORMING PRESSURE WINDOWS FROM THIN METAL SHEETS.
AD-628 877 13H T 66 07

GLASGOW UNIV. (SCOTLAND) DEPT. OF CHEMISTRY.
STUDIES IN RING EXPANSION,
AD-628 733 7C T 66 07 HC$ 2.00 MF$ 0.50

GLOBE-UNION, INC., MILWAUKEE, WIS.
A PROGRAM TO DEVELOP A HIGH-ENERGY DENSITY PRIMARY BATTERY WITH A MINIMUM OF 200 WATT HOURS PER POUND OF TOTAL BATTERY WEIGHT,
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00

GM DEFENSE RESEARCH LABS., SANTA BARBARA, CALIF. AEROSPACE OPERATIONS DEPT.
THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART I. PLANE DISTRIBUTIONS.
AD-294 474 20I U 41 08 HC$ 1.00

THE INCIDENCE OF FOCUSED MICROWAVES UPON IONIZED DISTRIBUTIONS. PART II. CYLINDRICAL DISTRIBUTIONS.
AD-294 866 20I U 41 08 HC$ 3.00

THE RADAR ABSORPTION EFFECT CAUSED BY VERY THIN PLASMA SHEATHS.
AD-444 071 17I U 41 08 HC$ 1.00

MILLIMETER RADAR INSTRUMENTATION FOR STUDYING PLASMA EFFECTS ASSOCIATED WITH HYPERSONIC FLIGHT.
AD-449 823 17I U 41 08 HC$ 1.00

GODDARD SPACE FLIGHT CENTER. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GREENBELT, MD.
A IMP MISSION PROFILE AND REAL TIME COMPUTING SYSTEM DESCRIPTION,
N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50

GOTEBORG UNIV. (SWEDEN). INST. OF NEUROBIOLOGY.
CHANGES IN RNA CONTENT AND BASE COMPOSITION IN CORTICAL NEURONS OF RATS IN A LEARNING EXPERIMENT INVOLVING TRANSFER OF HANDEDNESS,
AD-628 366 6A T 66 07

GOTEBORG UNIV. (SWEDEN). DEPT. OF HISTOLOGY.
RESEARCH ON INTRA NEURONAL MECHANISMS FOR INFORMATION STORAGE.
AD-628 899 6P T 66 08 HC$ 3.00 MF$ 0.50

GOTEBORG UNIV. (SWEDEN). DEPT. OF PHARMACOLOGY.
HISTOCHEMICAL AND BIOCHEMICAL DETECTION OF MONOAMINE RELEASE FROM BRAIN NEURONS,
AD-628 741 6P T 66 07

IDENTIFICATION AND CELLULAR LOCALIZATION OF THE CATECHOLAMINES IN THE RETINA AND THE CHOROID OF THE RABBIT,
AD-629 221 6P T 66 08

GOTEBORG UNIV. (SWEDEN). INST. OF NEUROBIOLOGY.
A DIFFERENTIATION IN RNA RESPONSE IN NEURONS EARLY AND LATE DURING LEARNING,
AD-628 365 6A T 66 07

GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, N. Y.
GODDARD PROBLEM WITH BOUNDED THRUST.
AD-629 261 19G T 66 08

PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES.
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50

GRUMMAN AIRCRAFT ENGINEERING CORP., BETHPAGE, N. Y. RESEARCH DEPT.
NECESSARY CONDITIONS FOR SINGULAR EXTREMALS.
AD-629 021 12B T 66 08

DISTRIBUTION THEORY AS THE BASIS OF GENERALIZED PASSIVE-NETWORK ANALYSIS.
AD-629 339 9E T 66 08

PHOTOMETRIC MEASUREMENTS OF SIMULATED LUNAR SURFACES,
N66-11876 22A U 41 08 HC$ 5.00 MF$ 1.00

GRUPO DE RADIO-ASTRONOMIA, UNIVERSIDADE MACKENZIE, SAO PAULO (BRAZIL).
A COMBINED REPORT ON GENERAL WORKS AND PRELIMINARY STUDIES ON SOLAR RADIO EMISSION AND SOLAR-TERRESTRIAL RELATIONSHIPS THROUGH V. L. F. PROPAGATION IN THE IONOSPHERE.
AD-628 887 4A T 66 08 HC$ 4.00 MF$ 0.75

GUGGENHEIM JET PROPULSION CENTER, CALIF. INST. OF TECH., PASADENA.
ABSOLUTE INTENSITY MEASUREMENTS FOR THE 2.7 MICRON BAND OF WATER VAPOR IN A SHOCK TUBE,
AD-629 612 7D T 66 08

G. M. DEFENSE RESEARCH LABS., SANTA BARBARA, CALIF. AEROSPACE OPERATIONS DEPT.
CARBON DIOXIDE DISSOCIATION RATES BEHIND SHOCK WAVES.
N66-12872 7D U 41 08 HC$ 2.00 MF$ 0.50

HAHN-MEITNER-INSTITUT FOR KERNFORSCHUNG, BERLIN (WEST GERMANY).
DIFFUSION OF RARE GASES IN SOLIDS.
EURAEC-1314 20L U 41 07 HC$ 1.00 MF$ 0.50

HAHN-MEITNER-INSTITUT FUR KERNFORSCHUNG BERLIN (WEST GERMANY).
THE KINETICS OF RARE-GAS DIFFUSION IN SOLIDS. TABLES AND GRAPHS FOR THE EVALUATION OF POST-ACTIVATION DIFFUSION EXPERIMENTS. (RARE-GAS DIFFUSION IN SOLIDS 10).
EURAEC-772 20L U 41 07 HC$ 2.00 MF$ 0.50

HAMILTON STANDARD DIV., UNITED AIRCRAFT CORP., BROAD BROOK, CONN.
MARS LANDING AND RECONNAISSANCE MISSION ENVIRONMENTAL CONTROL AND LIFE SUPPORT SYSTEM STUDY. VOLUME 2. SUBSYSTEM STUDIES.
N66-10938 6K U 41 08 HC$ 7.00 MF$ 2.00

HAMILTON STANDARD DIV., UNITED AIRCRAFT CORP., WINDSOR LOCKS, CONN.
ELECTRON BEAM TECHNIQUES FOR FABRICATION AND ASSEMBLY OF PARTS FOR ELECTRON TUBES.
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50

HARRY DIAMOND LABS., WASHINGTON, D. C.
MILLIMETER WAVE STUDIES.
AD-466 779 17I U 41 07 HC$ 2.00 MF$ 0.50

TABLES OF BEST TCHEBYCHEFF APPROXIMANTS FOR TIME-DELAY SIMULATION,
AD-628 219 12B T 66 07 HC$ 2.00 MF$ 0.50

LOW-LOSS STYRENE-TYPE FOAM-IN-PLACE ENCAPSULATING RESINS,
AD-628 537 11I T 66 07 HC$ 2.60 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS.
THE SHILOV BOUNDARY OF THE ALGEBRA OF MEASURES ON A GROUP,
AD-628 094 12A T 66 07

THE STRUCTURE OF CONVOLUTION MEASURE ALGEBRAS,
AD-628 103 12A T 66 07

DIMENSION THEORY IN COMPLETE ORTHOCOMPLEMENTED WEAKLY MODULAR LATTICES,
AD-628 104 12A T 66 07

REGGE POLES IN QUANTUM ELECTRODYNAMICS WITH MASSIVE PHOTONS,
AD-628 288 20H T 66 07

MICROSCOPIC THEORY OF SUPERFLUID HELIUM,
AD-628 293 20J T 66 07

HYPERFINE SEPARATION OF DEUTERIUM,
AD-628 465 7D T 66 07

POLYNOMIALS OF BEST APPROXIMATION ON AN INTERVAL, II,
AD-629 538 12A T 66 08

HARVARD UNIV., CAMBRIDGE, MASS. ACOUSTICS RESEARCH LAB.
FINITE-AMPLITUDE TRAVELING WAVES WITH BOUNDARY DISSIPATION.
AD-628 671 20A T 66 07 HC$ 6.00 MF$ 1.25

HARVARD UNIV., CAMBRIDGE, MASS. DEPT. OF CHEMISTRY.
RESONANCES IN THE SCATTERING OF ELECTRONS FROM ATOMS,
AD-629 001 7D T 66 08 HC$ 1.60 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS. DEPT. OF STATISTICS.
STOCHASTIC POINT PROCESSES: LIMIT THEOREMS.
AD-629 525 12A T 66 08 HC$ 5.60 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS. DIV. OF ENGINEERING AND APPLIED PHYSICS.
SEMIANNUAL PROGRESS REPORT NO. 70, JANUARY 1, 1965-JULY 1, 1965.
AD-629 484 9C T 66 08 HC$ 6.60 MF$ 0.75

HARVARD UNIV., CAMBRIDGE, MASS. GRADUATE SCHOOL OF ENGINEERING.
DEFLECTIONS AND STRESSES IN CONCRETE PAVEMENTS OF AIRFIELDS WITH CONTINUOUS ELASTIC JOINTS.
AD-628 501 13B T 66 07 HC$20.10 MF$ 1.25

HAWAII UNIV., HONOLULU. DEPT. OF PHYSICS.
STIGMATIC SPECTROGRAPH STUDY.
N66-11670 14B U 41 08 HC$ 1.00 MF$ 0.50

HAWAII UNIV., HONOLULU. PACIFIC BIOMEDICAL RESEARCH CENTER.
AMELIORATIVE MEASURES IN FASTING, SUBARCTIC SURVIVAL SITUATIONS.
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50

A COMPARISON, UNDER ARCTIC SURVIVAL CONDITIONS, OF A PEMMICAN-TYPE MEAT BAR WITH AN ISOCALORIC RATION OF SUCROSE PLUS ELECTROLYTES.
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50

HAWKER SIDDELEY CANADA, LTD., TORONTO.
GEMINI ONE-TON AMPHIBIOUS OFF-HIGHWAY AIRTRANSPORTABLE VEHICLE, CONTINUATION OF PHASE I PROGRAM.
AD-629 648 1C T 66 08 HC$ 5.60 MF$ 0.75

HAYES INTERNATIONAL CORP., BIRMINGHAM, ALA.
REINFORCED PLASTIC LANDING GEAR FOR UH-1 HELICOPTER.
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00

HAYES INTERNATIONAL CORP., HUNTSVILLE, ALA. MISSILE AND SPACE SUPPORT DIV.
METAL-FORMING TECHNIQUES,
N65-33365 13H U 41 07 MF$ 0.50

HAZLETON-NUCLEAR SCIENCE CORP., PALO ALTO, CALIF. EARTH SCIENCES DIV.
POST-SHOT HYDROLOGIC SAFETY.
AD-629 407 18C T 66 08 HC$ 3.00 MF$ 0.50

HEBREW UNIV. JERUSALEM (ISRAEL). DEPT. OF MATHEMATICS.
THE STRUCTURE OF THE KERNEL OF A COOPERATIVE GAME.
AD-628 172 12B T 66 07 HC$ 6.60 MF$ 0.75

HEBREW UNIV., JERUSALEM (ISAREL). DEPT. OF PHYSICS.
MOSSBAUER EFFECT IN DY161 IN METALLIC DYSPROSIUM, DYFE2, AND DYAL2,
AD-629 236 20H T 66 08

HEBREW UNIV., JERUSALEM (ISRAEL).
SOCIAL CHANGE AND MODERNIZATION IN AFRICAN SOCIETIES SOUTH OF THE SAHARA,
AD-629 234 5K T 66 08

HEBREW UNIV., JERUSALEM (ISRAEL). DEPT. OF MATHEMATICS.
THE INEQUALITIES THAT DETERMINE THE BARGAINING SET M1(I).
AD-628 067 12B T 66 07 HC$ 1.00 MF$ 0.50

HEBREW UNIV., JERUSALEM (ISRAEL). DEPT. OF PHYSICS.
A METHOD FOR E. P. R. MEASUREMENTS OF ORTHORHOMBIC SITES IN A CRYSTAL OF TETRAGONAL SYMMETRY,
AD-628 362 20B T 66 07

PARAMAGNETIC RESONANCE OF YB(3+) IN CAWO4,
AD-628 363 20L T 66 07

ELECTRON PARAMAGNETIC RESONANCE OF EU2+ IN CAWO4,
AD-629 232 7D T 66 08

3P(6)-3P(5)3D TRANSITIONS OF FE IX AND NI XI IN THE SOLAR SPECTRUM,
AD-629 233 3B T 66 08

HERNER AND CO., WASHINGTON, D. C.
'USE' AND MENTION IN THE INFORMATION SCIENCES,
AD-629 367 5B T 66 08

HINE LABS., INC., SAN FRANCISCO, CALIF.
RESEARCH ON THERAPY OF PULMONARY EDEMA ASSOCIATED WITH OXIDIZERS.
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50

HITTMAN ASSOCIATES, INC., BALTIMORE, MD.
THERMOELECTRIC BONDING STUDY.
N66-10774 9C U 41 08 HC$ 2.00 MF$ 0.50

HOLMAN (JOHN F.) CO., INC., WASHINGTON, D. C.
CONTRIBUTIONS TO THE NATURE OF OXYHALIDES. III. THE NATURE OF CHLORINE DIOXIDE,
AD-628 331 7B T 66 07 HC$ 3.00 MF$ 0.75

DETERMINATION OF SIGHTING ERRORS THROUGH VARIATION OF COLOR AND FORM OF THE SIGHTING MARKS,
AD-628 332 20F T 66 07 HC$ 1.00 MF$ 0.50

HONEYWELL INC., ST. PAUL, MINN. SYSTEMS AND RESEARCH DIV.
A STUDY OF VISUAL SEARCH USING EYE MOVEMENT RECORDINGS.
AD-629 624 6P T 66 08 HC$ 3.00 MF$ 0.75

HONEYWELL, INC., MINNEAPOLIS, MINN. AERONAUTICAL DIV.
G G159 MINIATURE INTEGRATING GYRO STERILIZATION EXPOSURE STUDIES AT 300 DEG F.
N66-10616 14B U 41 08 HC$ 3.00 MF$ 0.75

HONEYWELL, INC., MINNEAPOLIS, MINN. MILITARY PRODUCTS GROUP.
FEASIBILITY STUDY OF NEW TECHNIQUES FOR CONTROL OF RE-ENTRY VEHICLES. VOL. I. CALCU- LATION OF OPTIMAL TRAJECTORIES AND SYNTHESIS OF CONTROL FUNCTIONS,
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00

HOPITAL HENRI ROUSSELLE, PARIS (FRANCE). LABORATOIRE DE NEUROPHYSIOLOGIE.
VISCERAL AFFERENT ACTIVITY EFFECTS ON BRAIN STEM RETICULAR FORMATION.
AD-628 298 6P T 66 07 HC$ 1.60 MF$ 0.50

HRB-SINGER, INC., STATE COLLEGE, PA.
A CONCEPT FOR MODELING AND EVALUATING INFORMATION-PRODUCING SYSTEMS,
AD-628 495 15D T 66 07 HC$ 2.00 MF$ 0.50

HUDSON LABS., COLUMBIA UNIV., DOBBS FERRY, N. Y.
THE SEARCH UNDERWATER FOR A DOWNED NAVY JET AIRCRAFT.
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50

HUGHES AIRCRAFT CO., CULVER CITY, CALIF. RESEARCH AND DEVELOPMENT DIV.
OPTIMIZATION OF GAIN ARBITRARY ARRAY ANTENNAS,
AD-628 943 9E T 66 08 HC$ 2.00 MF$ 0.50

HUGHES AIRCRAFT CO., CULVER CITY, CALIF. AEROSPACE GROUP.
DETERMINATION OF THE EFFECTS OF A THERMAL STERILIZATION PROCESS ON THE MECHANICAL AND ELECTRICAL PROPERTIES OF SOLDERED AND WELDED JOINTS.
N66-12854 13H U 41 08 HC$ 6.00 MF$ 1.50

HUGHES AIRCRAFT CO., EL SEGUNDO, CALIF. SPACE SYSTEMS DIV.
SOLAR-POWERED ELECTRIC PROPULSION SPACECRAFT.
N66-13000 21C U 41 08 HC$ 4.00 MF$ 1.00

HUGHES AIRCRAFT CO., NEWPORT BEACH, CALIF.
THIN FILM MICROCIRCUIT INTERCONNECTIONS.
AD-628 225 9A T 66 07 HC$23.80 MF$ 1.25

HUGHES RESEARCH LABS., MALIBU, CALIF.

ROUTING AND ECONOMIC PRINCIPLES OF MULTIPLE ACCESS SATELLITE COMMUNICATION.
N66-13010 17B U 41 08 HC$ 4.00 MF$ 0.75

HULL UNIV. (ENGLAND). DEPT. OF CHEMISTRY.
THERMAL AND ISOTHERMAL EXPLOSIONS IN THE INHIBITION OF THE H2+02 REACTION BY HYDROCARBONS.
AD-629 245 7D T 66 08

HUMAN ENGINEERING LABS., ABERDEEN PROVING GROUND, MD.
HUMAN FACTORS RESEARCH ON AIRCRAFT ARMAMENT.
AD-629 452 17H T 66 08 HC$ 1.10 MF$ 0.50

AN EXPERIMENTAL METHOD FOR DETERMINING THE FLIGHT PATH OF LOW-FLYING AIRCRAFT.
AD-629 453 18 T 66 08 HC$ 1.60 MF$ 0.50

HUMAN FACTORS RESEARCH, INC., SANTA BARBARA, CALIF.
FACTORS INFLUENCING THE JUDGMENT OF HUMAN PERFORMANCE.
AD-628 690 5J T 66 07 HC$ 2.00 MF$ 0.50

HUMAN RESOURCES RESEARCH OFFICE, GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
KEY-WORD-IN-CONTEXT (KWIC) INDEX TO HUMAN RESOURCES RESEARCH OFFICE BIBLIOGRAPHY OF PUBLICATION AS OF 30 JUNE 1965.
AD-473 365 5I U 41 08 HC$ 2.00 MF$ 0.50

HUMAN RESOURCES RESEARCH OFFICE BIBLIOGRAPHY OF PUBLICATIONS AS OF 30 JUNE 1965.
AD-473 366 5I U 41 08 HC$ 5.00 MF$ 1.00

THE EFFECTS OF PROTECTIVE MASKING UPON SMOKE GENERATOR AND FUEL SUPPLY TEAM PERFORMANCE (AN ANALYSIS OF AN EXPERIMENT CONDUCTED BY THE U. S. ARMY CHEMICAL CORPS).
AD-628 146 15B T 66 07 HC$ 1.60 MF$ 0.50

THE FEASIBILITY OF DEVELOPING A TASK CLASSIFICATION STRUCTURE FOR ORDERING TRAINING PRINCIPLES AND TRAINING CONTENT.
AD-628 162 5I T 66 07 HC$ 7.60 MF$ 0.75

ORDNANCE NIKE DETACHMENT ELECTRONICS MAINTENANCE PERSONNEL. ANALYSIS OF ACTIVITIES WITH IMPLICATIONS FOR TRAINING, MAY 1957.
AD-628 165 5I T 66 07 HC$ 7.60 MF$ 0.75

THE DEVELOPMENT OF TRAINING PROGRAMS FOR FIRST ENLISTMENT PERSONNEL IN ELECTRONICS MAINTENANCE MOS'S. IV. HOW TO DESIGN TRAIN- ING METHODS AND MATERIALS.
AD-628 168 5I T 66 07 HC$ 6.60 MF$ 0.75

THE INFLUENCE OF PRACTICE FRAMES AND VERBAL ABILITY ON PROGRAMED INSTRUCTION PERFORMANCE.
AD-628 444 5I T 66 07 HC$ 2.60 MF$ 0.50

A STUDY OF MATHEMATICAL SKILLS REQUIREMENTS FOR BASIC ELECTRONICS IN THE U. S. ARMY AIR DEFENSE SCHOOL.
AD-628 701 5I T 66 07 HC$ 2.00 MF$ 0.50

AN OVERVIEW OF THE CONCEPTUAL STRUCTURE OF SUBTASK PIONEER VII.
AD-628 815 5J T 66 07 HC$ 4.00 MF$ 0.75

REPORTED VISUAL SENSATION DURING BRIEF EXPOSURE TO REDUCED SENSORY INPUT.
AD-628 959 6S T 66 08 HC$ 1.60 MF$ 0.50

HUMRRO PRESENTATIONS TO MEETING OF NIKE ZEUS TRAINING PANEL (3RD).
AD-628 960 5I T 66 08 HC$ 2.60 MF$ 0.50

LEADERSHIP CLIMATE FOR TRAINEE LEADERS: THE ARMY AIT PLATOON.
AD-628 962 5I T 66 08 HC$ 3.00 MF$ 0.75

PERFORMANCE AIDS FOR JUNIOR OFFICERS.
AD-629 304 5I T 66 08 HC$ 2.60 MF$ 0.50

MEASURES ON ABILITY AND PROGRAMED INSTRUCTION PERFORMANCE.
AD-629 443 5I T 66 08 HC$ 1.60 MF$ 0.50

DEVELOPMENT AND EVALUATION OF A TACTICAL MANDARIN CHINESE LANGUAGE COURSE.
AD-629 444 5G T 66 08 HC$ 2.00 MF$ 0.50

HUMAN RESOURCES RESEARCH OFFICE. GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
DEVELOPMENT OF IMPROVED RIFLE SQUAD TACTICAL AND PATROLLING PROGRAMS FOR THE LIGHT WEAPONS INFANTRYMAN.
AD-628 667 15G T 66 07 HC$12.60 MF$ 0.75

HUYCK CORP., MILFORD, CONN. METALS DEPT.
PREPARATION AND EVALUATION OF FIBER METAL NICKEL BATTERY PLAQUES.
N66-10751 11D U 41 08 HC$ 3.00 MF$ 0.75

IIT RESEARCH INST., CHICAGO, ILL.
ANALYSIS OF OPTICAL WAVEFRONT DISTORTIONS CAUSED BY THE ATMOSPHERE.
AD-466 153 14E U 41 08 HC$ 3.00 MF$ 0.75

OXIDATION PROTECTION OF BERYLLIUM AT HIGH TEMPERATURES.
CONF-729-4 11F U 41 07 HC$ 2.00 MF$ 0.50

STUDIES OF REACTOR CONTAINMENT.
IITRI-T6042-11 18J U 41 07 HC$ 2.00 MF$ 0.50

MAGNETIC PROPERTIES OF INSULATORS.
IITRI-1184-15 20C U 41 07 HC$ 2.00 MF$ 0.50

INVESTIGATION OF LIGHT SCATTERING IN HIGHLY REFLECTING PIGMENTED COATINGS.
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50

STUDIES OF LUNAR AND MARTIAN SOIL MECHANICS.
N66-12980 3B U 41 08 HC$ 1.00 MF$ 0.50

IIT RESEARCH INST., CHICAGO, ILL. TECHNOLOGY CENTER.
EFFECT OF CUMULATIVE DAMAGE ON THE BIAXIAL COMPRESSIVE FATIGUE PERFORMANCE OF FILAMENT WOUND LAMINATES.
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50

THEOREM-PROVING BY COMPUTER.
AD-628 319 9B T 66 07 HC$ 3.60 MF$ 0.50

DETECTION AND IDENTIFICATION OF CHEMICAL SIGNATURES.
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75

EXPERIMENTAL STUDY OF STRESS WAVE INTERACTION IN PHOTOVISCOELASTIC PLATES.
AD-628 806 13M T 66 07 HC$ 5.00 MF$ 1.25

INFRARED PROPERTIES OF NIO AND COO AND THEIR MIXED CRYSTALS.
AD-629 715 7D T 66 08

A HIGH ALTITUDE MEASUREMENT TO DETERMINE THE RATIO OF DEUTERIUM TO HYDROGEN IN THE SOLAR ATMOSPHERE.
N66-12863 3B U 41 08 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., CHICAGO. COLL. OF MEDICINE.
HISTOPATHOLOGY OF MICE FED IRRADIATED FOODS.
AD-629 418 6E T 66 08

ILLINOIS UNIV., URBANA.
ON THE LIFTING PROPERTY AND DISINTEGRATION OF MEASURES.
AD-628 620 12A T 66 07

GENERALIZED UNITARY OPERATORS.
AD-628 621 12A T 66 07

BETA-MANGANESE PHASES IN TERNARY SYSTEMS OF TRANSITION ELEMENTS WITH SILICON, GERMANIUM, OR TIN.
AD-628 648 11F T 66 07

A PICARDESQUE THEOREM FOR FORMAL POWER SERIES.
AD-629 591 12A T 66 08

SUBFIELDS THAT ARE ALGEBRAICALLY CLOSED IN THE FIELD OF ALL MEROMORPHIC FUNCTIONS.
AD-629 687 12A T 66 08

EFFECTS OF ELECTRODEPOSITED COATINGS ON THE DEFORMATION OF COPPER CRYSTALS.
COO-1198-161 11F U 41 07 HC$ 2.00 MF$ 0.50

A MAGNETIC RESONANCE STUDY OF IRON IN SILVER CHLORIDE.
COO-1198-228 20C U 41 07 HC$ 3.00 MF$ 0.75

ADVANCES IN MOSSBAUER EFFECT METHODOLOGY HIGH PRESSURE TECHNIQUES.
COO-1198-255 20H U 41 07 HC$ 1.00 MF$ 0.50

A NONLINEAR PROGRAMMING APPROACH TO THE MINIMUM WEIGHT ELASTIC DESIGN OF STEEL STRUCTURES.
PB-169 207 13M U 41 07 HC$ 4.00 MF$ 0.75

ILLINOIS UNIV., URBANA. AERONOMY LAB.
THE ADMITTANCE AND RESONANCE PROBE CHARACTERISTICS OF A SPHERICAL PLASMA PROBE.
AD-628 186 20I T 66 07 HC$ 7.60 MF$ 0.75

ILLINOIS UNIV., URBANA. COORDINATED SCIENCE LAB.
AERODYNAMIC TORQUE ON A SPINNING SPHERICAL SATELLITE.
AD-628 111 22C T 66 07 HC$ 1.60 MF$ 0.50

SYSTEM OPTIMIZATION WITH FIXED CONTROL STRUCTURE.
AD-628 112 12B T 66 07 HC$ 8.60 MF$ 0.75

NECESSARY AND SUFFICIENT CONDITIONS FOR REALIZABILITY OF GIVEN SWITCHING FUNCTIONS.
AD-628 113 9E T 66 07 HC$ 2.60 MF$ 0.50

CALCULATIONS CONCERNING ELECTRICAL BREAKDOWN INDUCED BY THE MELTING OF MICROSCOPIC PROJECTIONS.
AD-628 114 20C T 66 07 HC$ 2.00 MF$ 0.50

EFFECTS OF MICROMETEOROID CRATERING ON THE DIRECTION OF THE AXIS OF MAXIMUM MOMENT OF INERTIA.
AD-628 208 22C T 66 07 HC$ 1.60 MF$ 0.50

THERMODYNAMIC PROPERTIES OF AN ELECTRON PLASMA.
AD-628 317 20I T 66 07 HC$ 3.60 MF$ 0.50

ILLINOIS UNIV., URBANA. DEPT. OF CIVIL ENGINEERING.
THE FATIGUE AND STATIC PROPERTIES OF BUTT WELDS IN STRUCTURAL STEELS.
AD-628 154 11F T 66 07 MF$ 0.75

FERROUS ARC WELDING. PART I. A CORRELATION OF THE LITERATURE ON WELDABILITY.
AD-628 156 11F T 66 07 MF$ 0.75

FERROUS ARC WELDING. PART II, SELECTED ABSTRACTS FROM THE LITERATURE.
AD-628 284 11F T 66 07 HC$28.70 MF$ 1.50

STRENGTH AND BEHAVIOR OF SIMULATED CULVERT SECTIONS FAILING IN SHEAR.
AD-628 285 13B T 66 07 HC$ 8.60 MF$ 0.75

ILLINOIS UNIV., URBANA. DEPT. OF COMPUTER SCIENCE.

AN APPLICATION OF INTERCOUPLED-TRANSMISSION-LINE-AMPLIFIER.
AD-628 670 9E T 66 07 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., URBANA. DEPT. OF ELECTRICAL ENGINEERING.
JUNCTION EFFECTS IN COMPOUND SEMICONDUCTORS.
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50

AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50

ILLINOIS UNIV., URBANA. DEPT. OF MATHEMATICS.
BOUNDED POLYNOMIAL APPROXIMATION.
AD-629 593 12A T 66 08

ILLINOIS UNIV., URBANA. DEPT. OF MECHANICAL ENGINEERING.
COMPRESSIBLE NON-ISOENERGETIC TWO-DIMENSIONAL TURBULENT (PR SUB T = 1) JET MIXING AT CONSTANT PRESSURE. AUXILIARY INTEGRALS, HEAT TRANSFER AND FRICTION COEFFICIENTS FOR FULLY DEVELOPED MIXING PROFILES.
AD-629 011 20D T 66 08

ILLINOIS UNIV., URBANA. DEPT. OF PHYSICS.
ELASTIC CENTERS OF STRAIN AND DISLOCATIONS.
AD-628 116 20L T 66 07 HC$ 1.60 MF$ 0.50

PHOTOCONDUCTIVITY OF KBR CONTAINING F CENTERS.
AD-629 033 20L T 66 08

FORTRAN PROGRAMS FOR CRYOGENIC THERMOMETRY.
AD-629 096 9B T 66 08 HC$ 3.00 MF$ 0.75

ILLINOIS UNIV., URBANA. DEPT. OF THEORETICAL AND APPLIED MECHANICS.
DYNAMIC STRESS CONCENTRATION USING PHOTOELASTICITY AND A LASER LIGHT SOURCE.
PB-169 142 20K U 41 07 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., URBANA. ELECTRICAL ENGINEERING RESEARCH LAB.
IONOSPHERIC RESEARCH.
AD-629 430 4A T 66 08 HC$ 4.60 MF$ 0.50

AD-629 449 4A T 66 08 HC$ 1.60 MF$ 0.50

CROSS-CORRELATION FUNCTIONS OF SPHERICAL WAVES PROPAGATING THROUGH A SLAB CONTAINING ANISOTROPIC IRREGULARITIES.
N66-11763 20N U 41 08 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., URBANA. GROUP EFFECTIVENESS RESEARCH LAB.
SOME METHODOLOGICAL PROBLEMS CONCERNING RESEARCH NEGOTIATIONS BETWEEN MONOLINGUALS.
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50

IMPERIAL COLL. OF SCIENCE AND TECHNOLOGY, LONDON (ENGLAND). DEPT. OF PHYSICS.
A FIELD-THEORETIC PROOF OF A MODIFIED VERSION OF LEVINSON'S THEOREM.
AD-628 342 20H T 66 07

ON THE NONLINEAR PROPERTIES OF RETARDED PRODUCTS.
AD-628 343 20J T 66 07

IMPERIAL COLL. OF SCIENCE AND TECH., LONDON (ENGLAND). DEPT. OF PHYSICS.
SPONTANEOUS BREAKDOWN OF SYMMETRY IN AXIOMATIC THEORY.
AD-628 739 20J T 66 07

INDIANA UNIV. MEDICAL CENTER, INDIANAPOLIS. CARDIOPULMONARY LAB.
REPEATED, PROLONGED, LOW-INTENSITY +GZ EXPOSURES. ANATOMICAL STUDIES IN DOGS.
AD-628 945 6S T 66 08

INDIANA UNIV., BLOOMINGTON. DEPT. OF CHEMISTRY.
ELECTRONIC COMMUTATOR DETERMINATION OF E OF FORMATION AND RELATED THERMODYNAMIC QUANTITIES FOR MOLTEN LEAD CHLORIDE.
AD-628 269 7D T 66 07

ON A POSSIBLE METHOD FOR CORRECTING ATOMIC WAVEFUNCTIONS FOR RELATIVISTIC EFFECTS.
AD-629 022 7D T 66 08

ON THE GREEN'S FUNCTION METHOD FOR EVALUATING PERTURBATION SUMS.
AD-629 023 12A T 66 08

MULTIPLE ELASTIC INTRAMOLECULAR SCATTERING IN GAS ELECTRON DIFFRACTION.
AD-629 024 7D T 66 08

CONTACT POTENTIAL DIFFERENCE BETWEEN SILVER NITRATE AND SILVER.
AD-629 075 7D T 66 08

INFORMATION DYNAMICS CORP., READING, MASS.
A SERIALS DATA PROGRAM FOR SCIENCE AND TECHNOLOGY. RESULTS OF A FEASIBILITY STUDY.
PB-169 405 5B U 41 08 HC$ 5.00 MF$ 1.00

INFORMATION DYNAMICS CORP., WAKEFIELD, MASS.
STUDY OF NIMBUS SATELLITE PHOTOGRAPH ARCHIVES SYSTEM REQUIREMENTS FOR UNITIZED MICROFORM.
PB-169 372 14E U 41 08 HC$ 5.60 MF$ 0.50

INFORMATION RESEARCH ASSOCIATES, INC., CAMBRIDGE, MASS.
NON-PARAMETRIC PATTERN RECOGNITION. PART I. THE LOCALLY DISJOINT CASE.
AD-628 706 6D T 66 07 HC$ 1.00 MF$ 0.50

NON-PARAMETRIC PATTERN RECOGNITION. PART II. THE NON-DISJOINT CASE.
AD-628 707 6D T 66 07 HC$ 1.00 MF$ 0.50

TWO CLASSES OF NON-PARAMETRIC TECHNIQUES FOR PATTERN RECOGNITION AND THEIR ERROR ANALYSIS.
AD-628 709 6D T 66 07 HC$ 1.00 MF$ 0.50

THE CONSISTENCY OF A NON-PARAMETRIC DECISION PROCEDURE.
AD-628 710 6D T 66 07 HC$ 1.00 MF$ 0.50

INFORMATION RESEARCH ASSOCIATES, INC., CAMBRIDGE, MASS.
A SCHEME FOR LINEAR RECOGNITION BASED ON SELF-DETERMINED INTER-CATEGORY FEATURES.
AD-628 708 6D T 66 07 HC$ 1.00 MF$ 0.50

INNSBRUCK UNIV. (AUSTRIA). INST. FOR THEORETICAL PHYSICS.
GASDYNAMIC METHODS IN MHD FLOW.
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50

INNSBRUCK UNIV. (AUSTRIA).
BEARING TECHNIQUE IN THE NEAR FIELD OF A MAGNETIC TRANSMITTING DIPOLE IN THE VLF REGION.
AD-628 771 20N T 66 07 HC$ 1.60 MF$ 0.50

INNSBRUCK UNIV. (AUSTRIA). INST. FOR THEORETICAL PHYSICS.
THERMODYNAMICS OF A MHD-PLASMA WITH INFINITE ELECTRICAL CONDUCTIVITY.
AD-629 262 20I T 66 08

INSTITUT NATIONAL DES TECHNIQUES DE LA DOCUMENTATION, PARIS (FRANCE).
ON THE THEORETICAL BASIS OF INFORMATION RETRIEVAL SYSTEMS.
AD-628 183 5B T 66 07 HC$ 6.00 MF$ 1.25

INSTITUTE FOR ADVANCED STUDY, PRINCETON, N. J.
THE DEPENDENCE OF THE SCHOENFLIES EXTENSION ON AN ACCESSORY PARAMETER (THE TOPOLOGICAL CASE).
AD-628 392 12A T 66 07

AN ARBITRARILY SMALL ANALYTIC MAPPING INTO R+ OF A PROPER REGULAR, ANALYTIC R-MANIFOLD IN E(M).
AD-628 393 12A T 66 07

ANALYSE MATHEMATIQUE. EVALUATION PAR DEFAUT DE TOUTES LES FREQUENCES PROPRES D'UNE MEMBRANE A L'AIDE DE COUPURES CHARGEES (SOLUTION BY PERTURBATION OF ALL THE MAIN FREQUENCIES OF A MEMBRANE BY THE METHOD OF LOADED SECTIONS).
AD-629 373 20K T 66 08

BOWLS, F-FIBRE-BUNDLES AND THE ALTERATION OF CRITICAL VALUES.
AD-629 611 12A T 66 08

WAVE LENGTH DEPENDENCE OF POLARIZATION BY SMALL GRAPHITE FLAKES.
N66-12996 3B U 41 08 HC$ 1.00 MF$ 0.50

INSTITUTE FOR BEHAVIORAL RESEARCH, SILVER SPRING, MD.
STUDIES OF LOW DOSE RADIATION UPON COMPLEX BEHAVIOR PATTERNS.
AD-467 002 5J U 41 07 HC$ 2.00 MF$ 0.50

INSTITUTE FOR CANCER RESEARCH, PHILADELPHIA.
STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL.
TID-21581 6R U 41 07 HC$ 1.00 MF$ 0.50

STUDIES OF THE EFFECTS OF ULTRAVIOLET RADIATION ON CELL STRUCTURE AND BEHAVIOR. SIX-YEAR COMPREHENSIVE REPORT, MARCH 1959 NOVEMBER 1964.
TID-21611 6R U 41 07 HC$ 1.00 MF$ 0.50

INSTITUTE FOR DEFENSE ANALYSES, ARLINGTON, VA. RESEARCH AND ENGINEERING SUPPORT DIV.
DIGITAL SIMULATION OF NOISE IN ANALOGUE SYSTEMS.
AD-628 819 9B T 66 07 HC$ 1.60 MF$ 0.50

INSTITUTE FOR MOLECULAR PHYSICS, UNIV. OF MARYLAND, COLLEGE PARK.
VALIDITY OF THE JARMAIN-SANDEMAN SERIES FOR CALCULATING POTENTIAL CURVES OF DIATOMIC MOLECULES.
AD-628 660 7D T 66 07

TRANSPORT PROPERTIES OF GASEOUS HE 3 AND HE 4.
IMP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50

INSTITUTE FOR ORGANIC CHEMISTRY, T.N.O., UTRECHT (NETHERLANDS).
SYNTHESIS OF GROUP IV ORGANOMETALLIC POLYMERS AND RELATED COMPOUNDS.
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75

INSTITUTE OF GEOPHYSICS AND PLANETARY PHYSICS, UNIV. OF CALIFORNIA, SAN DIEGO.
EARTH NOISE, 5 TO 500 MILLICYCLES PER SECOND. 2. REACTION OF THE EARTH TO OCEANS AND ATMOSPHERE.
AD-628 829 8K T 66 07

COHERENCE MEASUREMENTS WITH TIME SAMPLING OCEAN-BOTTOM SEISMOMETERS.
AD-629 466 8K T 66 08

INSTITUTE OF PLASMA PHYSICS, NAGOYA UNIV. (JAPAN).
COLLISION-INDUCED INSTABILITY IN A MAGNETOACTIVE PLASMA.
PB-169 188 20I U 41 07 HC$ 2.00 MF$ 0.50

MEASUREMENT OF THE EXCITATION FUNCTION OF N(2+) FIRST NEGATIVE BANDS BY ELECTRON IMPACT.
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50

NON-LINEAR MOTION OF TWO ION STREAMS IN A BACKGROUND OF HIGH TEMPERATURE ELECTRONS.
PB-169 190 20I U 41 08 HC$ 2.00 MF$ 0.50

NEGATIVE CONDUCTIVITY IN PARTIALLY IONIZED GASES.
PB-169 191 20I U 41 08 HC$ 1.00 MF$ 0.50

ION CYCLOTRON RESONANCE HEATING OF AN INHOMOGENEOUS PLASMA COLUMN.
PB-169 192 20I U 41 08 HC$ 2.00 MF$ 0.50

INSTITUTE OF THEORETICAL PHYSICA, STANFORD UNIV., CALIF.
ABSORPTIVE CORRECTIONS AND FORM FACTORS IN THE PERIPHERAL MODEL,
AD-629 020 20H T 66 08

INSTRUMENTATION RESEARCH LAB., STANFORD UNIV., PALO ALTO, CALIF.
AN OPERATING SYSTEM FOR THE LINC COMPUTER.
AD-628 780 9B T 66 07 HC$16.10 MF$ 1.00

INTERNATIONAL BUSINESS MACHINES CORP., YORKTOWN HEIGHTS, N. Y.
ANELASTIC RELAXATIONS DUE TO POINT DEFECTS IN CRYSTALS,
NYO-2811-21 20B U 41 07 HC$ 3.00 MF$ 0.75

DEFECTS IN CRYSTALS.
NYO-2811-23 20B U 41 07 HC$ 3.00 MF$ 0.75

INTERNATIONAL CUSTOMS TARIFFS BUREAU, BRUSSELS (BELGIUM)
IRISH REPUBLIC.
PB-169 259 5C U 41 07 HC$ 6.00 MF$ 1.25

INTERNATIONAL CUSTOMS TARIFFS BUREAU, BRUSSELS (BELGIUM).
BULGARIA.
PB-169 253 5C U 41 07 HC$ 1.00 MF$ 0.50

U.S.S.R.
PB-169 254 5C U 41 07 HC$ 1.00 MF$ 0.50

SOUTH AFRICA (REPUBLIC OF).
PB-169 255 5C U 41 07 HC$ 6.00 MF$ 1.25

INDIA.
PB-169 256 5C U 41 07 HC$ 3.00 MF$ 0.75

MALI (REPUBLIC OF).
PB-169 257 5C U 41 07 HC$ 4.00 MF$ 0.75

GUINEA (REPUBLIC OF).
PB-169 258 5C U 41 07 HC$ 4.00 MF$ 0.75

AUSTRIA.
PB-169 260 5C U 41 07 HC$ 6.00 MF$ 1.25

PERU.
PB-169 261 5C U 41 07 HC$ 6.00 MF$ 1.25

GERMANY (FEDERAL REPUBLIC OF).
PB-169 262 5C U 41 07 HC$ 7.00 MF$ 1.50

KINGDOM OF BURUNDI.
PB-169 263 5C U 41 07 HC$ 4.00 MF$ 1.00

MALAYSIA.
PB-169 264 5C U 41 07 HC$ 2.00 MF$ 0.75

SWITZERLAND.
PB-169 265 5C U 41 07 HC$ 6.00 MF$ 1.25

DENMARK.
PB-169 266 5C U 41 07 HC$ 4.00 MF$ 0.75

NORWAY.
PB-169 267 5C U 41 07 HC$ 6.00 MF$ 1.50

ICELAND.
PB-169 268 5C U 41 07 HC$ 4.00 MF$ 0.75

FINLAND.
PB-169 269 5C U 41 07 HC$ 6.00 MF$ 1.50

CEYLON.
PB-169 270 5C U 41 07 HC$ 2.00 MF$ 0.50

EAST AFRICA (COMMON CUSTOMS AND EXCISE SERVICE).
PB-169 271 5C U 41 07 HC$ 2.00 MF$ 0.50

COLOMBIA.
PB-169 272 5C U 41 07 HC$ 5.00 MF$ 1.00

REPUBLIC OF ZAMBIA.
PB-169 273 5C U 41 07 HC$ 3.00 MF$ 0.75

CANADA.
PB-169 274 5C U 41 07 HC$ 5.00 MF$ 1.00

RWANDA (REPUBLIC OF).
PB-169 275 5C U 41 07 HC$ 4.00 MF$ 0.75

SWEDEN.
PB-169 276 5C U 41 07 HC$ 6.00 MF$ 1.25

JORDAN (HASHEMITE KINGDOM OF JORDAN).
PB-169 277 5C U 41 07 HC$ 4.00 MF$ 0.75

CZECHOSLOVAKIA.
PB-169 278 5C U 41 07 HC$ 4.00 MF$ 0.75

MAURITIUS.
PB-169 279 5C U 41 07 HC$ 2.00 MF$ 0.50

TUNISIA.
PB-169 280 5C U 41 07 HC$ 4.00 MF$ 0.75

ITALY.
PB-169 281 5C U 41 07 HC$ 7.00 MF$ 1.75

GHANA.
PB-169 282 5C U 41 07 HC$ 1.00 MF$ 0.50

GREECE.
PB-169 283 5C U 41 07 HC$ 6.00 MF$ 1.50

COMMONWEALTH OF AUSTRALIA.
PB-169 284 5C U 41 07 HC$ 6.00 MF$ 1.25

MOROCCO (KINGDOM OF).
PB-169 285 5C U 41 07 HC$ 3.00 MF$ 0.75

REPUBLIC OF LIBERIA.
PB-169 286 5C U 41 07 HC$ 1.00 MF$ 0.50

GREAT BRITAIN AND NORTHERN IRELAND (UNITED KINGDOM OF).
PB-169 287 5C U 41 07 HC$ 6.00 MF$ 1.25

ISLE OF MAN.
PB-169 288 5C U 41 07 HC$ 1.00 MF$ 0.50

UNITED ARAB REPUBLIC.
PB-169 289 5C U 41 07 HC$ 4.00 MF$ 0.75

UNITED KINGDOM OF LIBYA.
PB-169 290 5C U 41 07 HC$ 3.00 MF$ 0.75

REUNION ISLAND.
PB-169 291 5C U 41 07 HC$ 1.00 MF$ 0.50

MALTA.
PB-169 292 5C U 41 07 HC$ 2.00 MF$ 0.50

UNITED STATES OF AMERICA.
PB-169 293 5C U 41 07 HC$ 7.00 MF$ 1.50

IOWA ENGINEERING EXPERIMENT STATION, AMES.
SOUND ABSORPTION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-628 426 7D T 66 07

SOUND ABSORPTION IN SUBSTITUTED METHANE -INERT-GAS MIXTURES,
AD-628 830 7D T 66 07

SOUND DISPERSION IN BINARY MIXTURES OF HALOMETHANE GASES,
AD-629 531 7D T 66 08

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY. AMES.
FLUID VELOCITY PROFILE DEVELOPMENT FOR TURBULENT FLOW IN SMOOTH ANNULI.
N66-11181 20D U 41 08 HC$ 5.00 MF$ 1.00

IOWA STATE UNIV., IOWA CITY.
A MATRIX EQUATION RELATED TO A NON-OSCIL- LATION CRITERION AND LIAPUNOV STABILITY,
AD-629 595 12A T 66 08

IOWA UNIV., IOWA CITY. DEPT. OF CHEMISTRY.
ABSOLUTE INFRARED INTENSITIES OF THE FUNDAMENTAL ABSORPTION BANDS IN SOLID CARBONYL SULFIDE,
AD-629 464 7D T 66 08

ABSOLUTE INFRARED INTENSITIES IN MIXED HYDROGEN HALIDE CRYSTALS,
AD-629 465 7D T 66 08

ISOTOPES, INC., WESTWOOD, N. J.
STUDIES OF NUCLEAR DEBRIS IN PRECIPITATION,
NYO-2415-12 18H U 41 08 HC$ 2.00 MF$ 0.50

ISRAEL INST. OF APPLIED SOCIAL RESEARCH, JERUSALEM.
NEW DEVELOPMENTS IN FACET DESIGN AND ANALYSIS,
AD-629 265 5J T 66 08

ITEK CORP., LEXINGTON, MASS.
STUDY OF IMAGE-EVALUATION TECHNIQUES.
AD-457 952 14E U 41 08 HC$ 2.00

AD-466 577 14E U 41 07 HC$ 3.00 MF$ 0.75

ITEK CORP., WALTHAM, MASS.
RUSSIAN STENOTYPE EQUIPMENT. VOLUME I. RUSSIAN STENOTYPE SYSTEMS CODES, COMPUTER SYSTEMS, AND TRAINING.
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75

RUSSIAN STENOTYPE EQUIPMENT. VOLUME II. RUSSIAN STENOTYPE TERMINAL EQUIPMENT AND INPUT MULTIPLEXING.
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME III. RUSSIAN STENOTYPE TRAINING AND EVALUATION MACHINE.
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50

RUSSIAN STENOTYPE EQUIPMENT. VOLUME IV. INSTRUCTOR'S TRAINING MANUAL FOR RUSSIAN STENOTYPE.
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75

ITT ELECTRON TUBE DIV., EASTON, PA.
PRODUCTION ENGINEERING MEASURE FOR A PHASE II SUPER POWER HYDROGEN THYRATRON TUBE.
AD-629 287 9A T 66 08 HC$ 3.00 MF$ 0.75

ITT FEDERAL LABS., NUTLEY, N. J.
A 'REGION' CONCEPT AND ITS APPLICATION TO THRESHOLD LOGIC,
AD-628 827 9B T 66 07

DIRECTIONAL GLIDE-SLOPE ANTENNA SYSTEM.
PB-169 196 17B U 41 07 HC$ 2.00 MF$ 0.50

JASON DIV., INST. FOR DEFENSE ANALYSES, ARLINGTON, VA.
RF BREAKDOWN NEAR A CONICAL RE-ENTRY BODY.
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50

SINGULAR SOLUTIONS OF CERTAIN INTEGRAL EQUATIONS.
AD-629 685 12A T 66 08 HC$ 4.60 MF$ 0.50

JERSEY PRODUCTION RESEARCH CO., TULSA, OKLA.
DETECTION OF DISTANT EXPLOSIONS BY SEISMIC MEASUREMENTS IN DEEP BOREHOLES.
AD-287 161 8K U 41 07 HC$ 3.00

JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
LUNAR COMMUNICATIONS.
N65-14540 17B U 41 07 HC$ 2.00 MF$ 0.50

STUDY OF MARS AND VENUS ORBITER MISSIONS LAUNCHED BY THE 3-STAGE SATURN C-1 B VEHICLE, VOLUME III.
N66-10887 22A U 41 08 HC$ 8.00 MF$ 2.50

JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
SPACE PROGRAMS SUMMARY NO. 37-34, VOLUME IV FOR THE PERIOD JUNE 1, 1965 TO JULY 31, 1965. SUPPORTING RESEARCH AND ADVANCED DEVELOPMENT.
N66-10340 22C U 41 08 HC$ 7.00 MF$ 1.75

PROCEEDINGS OF THE MAGNETICS WORKSHOP.
N66-10425 20H U 41 08 HC$ 7.00 MF$ 2.00

VOYAGER PROJECT.
N66-10617 22A U 41 08 HC$ 2.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 13 NOVEMBER 1964.
N66-10640 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 27 NOVEMBER 1964.
N66-10641 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 8 JANAUARY 1965.
N66-10642 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 5 FEBRUARY 1965.
N66-10643 22B U 41 08 HC$ 1.00 MF$ 0.50

SURVEYOR PROJECT STATUS REPORT, 19 FEBRUARY 1965.
N66-10644 22B U 41 08 HC$ 1.00 MF$ 0.50

GENERANT CONTROLLER DEVELOPMENT FOR THE ADVANCED LIQUID PROPULSION SYSTEM/ALPS/.
N66-10650 21H U 41 08 HC$ 2.00 MF$ 0.50

A FEASIBILITY STUDY OF THE MASS SPECTROMETER INSTRUMENTATION FOR THE ANALYSIS OF THE MARTIAN ATMOSPHERE.
N66-11743 14B U 41 08 HC$ 6.00 MF$ 1.50

RESULTS OF THE JPL AERODYNAMIC DAMPING-INPITCH WIND-TUNNEL PROGRAM.
N66-12984 1A U 41 08 HC$ 2.00 MF$ 0.50

JEWISH HOSPITAL, ST. LOUIS, MO.
TO STUDY THERAPEUTIC PROPERTIES OF BLOOD PLASMA IN THE THERAPY OF TOURNIQUET SHOCK.
AD-466 292 6E U 41 07 HC$ 1.00 MF$ 0.50

JOHANNES GUTENBERG-UNIVERSITAET, MAINZ (GERMANY).
TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME II.
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25

TABLES RELATED TO LIGHT SCATTERING IN A TURBID ATMOSPHERE. VOLUME III.
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50

JOHNS HOPKINS UNIV., BALTIMORE, MD.
FREE-ION AND CRYSTALLINE SPECTRA OF PR(3+) (PR IV).
AD-628 349 7D T 66 07

SPECTRA OF DOUBLY AND TRIPLY IONIZED YTTERBIUM, YB III AND YB IV.
AD-629 333 7D T 66 08

ATOMIC ENERGY LEVELS.
NYO-2543-1 7D U 41 07 HC$ 6.00 MF$ 1.25

JOHNS HOPKINS UNIV., BALTIMORE, MD. DEPT. OF CHEMISTRY.
RARE GAS ION REACTIONS WITH AMMONIA.
AD-629 378 7E T 66 08

JOHNS HOPKINS UNIV., BALTIMORE, MD. DEPT. OF MECHANICS.
ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER.
AD-628 811 20D T 66 07 HC$ 2.60 MF$ 0.50

AN EXPERIMENTAL INVESTIGATION OF THE PORTEVIN-LE CHATELIER EFFECT IN DEAD ANNEALED COMMERCIAL PURITY ALUMINUM.
AD-629 500 11F T 66 08 HC$ 5.00 MF$ 0.75

ON THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLOID OF REVOLUTION.
AD-629 577 20D T 66 08 HC$ 2.60 MF$ 0.50

JOHNS HOPKINS UNIV., BALTIMORE, MD. SCHOOL OF HYGIENE AND PUBLIC HEALTH.
HISTOLOGICAL STUDIES OF THE MONKEY NEURO- VIRULENCE OF GROUP B ARBOVIRUSES. I. A SEMI- QUANTITATIVE GRADING SCALE.
AD-628 619 6E T 66 07

JOHNS HOPKINS UNIV., BALTIMORE, MD. SCHOOL OF MEDICINE.
DISTRIBUTION OF CORPUS CALLOSUM AND ANTERIOR COMMISSURE IN CAT AND RACCOON.
AD-629 560 6P T 66 08

JOHNS HOPKINS UNIV., SILVER SPRING, MD. APPLIED PHYSICS LAB.
PERFORMANCE ANALYSIS OF THE APL HYPER- SONIC GUN TUNNEL.
AD-458 368 14B U 41 08 HC$ 6.60

THE APPLICATIONS OF COMPUTERS TO THE APL STORAGE AND RETRIEVAL SYSTEM.
AD-462 339 5B U 41 08 HC$ 2.60

A STUDY OF THE VALENCE ELECTRON APPROXIMATION: APPLICATION TO LIH.
AD-628 261 7D T 66 07

RADIO DOPPLER METHOD OF USING SATELLITES FOR GEODESY, NAVIGATION AND GEOPHYSICS WITHIN THE PLANETARY SYSTEM.
PB-169 236 17G U 41 07 HC$ 3.00 MF$ 0.75

JOHNS HOPKINS UNIV., SILVER SPRING, MD. APPLIED PHYSICS LAB.
MAGNETIC FIELD COMPUTATIONS FOR UNIFORMLY MAGNETIZED BODIES WITH ODD SHAPES.
AD-458 418 20C U 41 08 HC$ 5.60

EQUILIBRIUM, ADIABATIC WALL, AND STAGNATION TEMPERATURES AT ALTITUDES UP TO 100,000 FEET AND MACH NUMBERS UP TO 20.
AD-462 332 1A U 41 07 HC$ 9.60

DESIGN OF THE TRANSIT SATELLITE ELECTRONICS SYSTEM.
PB-169 244 9E U 41 07 HC$ 2.00 MF$ 0.50

JOHNSON SERVICE CO., MILWAUKEE, WIS.
LOW PRESSURE SIGNAL SENSOR AMPLIFIER AND ANALOG COMPUTER USING THE IMPACT MODULATOR AS THE BASIC ACTIVE PURE FLUID DEVICE. PART I. ANALOG COMPUTER.
AD-629 055 13G T 66 08 HC$ 3.00 MF$ 0.7[illegible]

LOW PRESSURE SIGNAL SENSOR AMPLIFIER AND ANALOG COMPUTER USING THE IMPACT MODULATOR AS THE BASIC ACTIVE PURE FLUID DEVICE. PART II. LOW PRESSURE SIGNAL SENSOR AMPLIFIER.
AD-629 056 13G T 66 08 HC$ 1.00 MF$ 0.50

KAMAN AIRCRAFT CORP., BLOOMFIELD, CONN.
A STUDY OF THE KAMAN DYNAMIC ANTIRESONANT VIBRATION ISOLATOR.
AD-629 636 13I T 66 08 HC$ 6.00 MF$ 1.5[illegible]

KANSAS STATE UNIV., MANHATTAN.
TASK PREDICTABILITY IN THE ORGANIZATION, ACQUISITION, AND RETENTION OF TRACKING SKILL.
AD-629 566 5J T 66 08

KANSAS STATE UNIV., MANHATTAN. DEPT. OF CHEMISTRY.
THE REACTIONS OF METHYL- AND N-BUTYLLITHIUM WITH DICHLOROMETHYL METHYL ETHER AND DICHLORODIPHENOXY METHANE.
AD-629 683 7C T 66 08

KANSAS UNIV., LAWRENCE. CENTER FOR RESEARCH.
GEM RESEARCH AT THE UNIVERSITY OF KANSAS.
AD-629 725 1C T 66 08 HC$ 3.00 MF$ 0.7[illegible]

KANSAS UNIV., LAWRENCE. ENGINEERING SCIENCE DIV.
PERFORMANCE OF HUMAN OPERATORS UNDER VARIOUS SYSTEM PARAMETERS.
N66-10758 5H U 41 08 HC$ 2.00 MF$ 0.50

KAROLINSKA INSTITUTET, STOCKHOLM (SWEDEN). DEPT. OF PHYSIOLOGY.
DISTRIBUTION AND FUNCTION OF ADRENERGIC NERVES IN THE RABBIT FALLOPIAN TUBE.
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50

ANALYSIS OF PRENATAL SPINAL REFLEX ACTIVITY IN SHEEP.
AD-629 561 6P T 66 08

KELLETT AIRCRAFT CORP., WILLOW GROVE, PA.
DOWNWASH TESTS OF THE DUAL TANDEM DUCTED PROPELLER VTOL RESEARCH AIRCRAFT CONFIGURATIONS TO EVALUATE ENGINE INLETS, PROTECTION DEVICES AND STUDY AERODYNAMIC INTERFERENCE.
AD-628 669 1A T 66 07 HC$16.00 MF$ 1.00

KERNKRAFTWERK RWE-BAVERNWERK G.M.B.H., GUNDREMMINGEN, (WEST GERMANY).
237 MW KRB NUCLEAR POWER PLANT.
TID-21501 18E U 41 07 HC$ 4.00 MF$ 0.75

KERNKRAFTWERK RWE-BAYERNWERK G.M.B.H., GUNDREMMINGEN (GERMANY).
237 MW KRB NUCLEAR POWER PLANT.
TID-21593 18E U 41 07 HC$ 4.00 MF$ 0.75

KERNKRAFTWERK RWE-BAYERNWERK G.M.B.H., GUNDREMMINGEN, (GERMANY).
237 MW KRB NUCLEAR POWER PLANT.
TID-21407 18E U 41 07 HC$ 2.00 MF$ 0.75

KING'S COLL. UNIV. OF LONDON (ENGLAND).
INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME I.
AD-629 097 20J T 66 08 HC$ 6.60 MF$ 0.7[illegible]

1965 CONFERENCE ON GENERAL RELATIVITY AND GRAVITATION.
AD-629 098 3B T 66 08 HC$ 1.10 MF$ 0.50

KING'S COLL., UNIV. OF LONDON (ENGLAND).
INTERNATIONAL CONFERENCE ON RELATIVISTIC THEORIES OF GRAVITATION, LONDON, 1965, VOLUME II.
AD-628 885 20J T 66 08 HC$14.70 MF$ 1.00

KIRUNA GEOPHYSICAL OBSERVATORY (SWEDEN).
BALLOON-BORNE MEASUREMENTS OF SOLAR IONIZING RADIATION.
AD-628 761 3B T 66 07 HC$26.10 MF$ 1.50

A STUDY OF SOME PROPERTIES OF DIFFRACTION PATTERNS PRODUCED BY RADIO WAVES FROM ARTIFICIAL SATELLITES.
AD-628 817 9A T 66 07 HC$ 4.60 MF$ 0.50

KNOLLS ATOMIC POWER LAB., SCHENECTADY, N. Y.
EVALUATION OF NEUTRON CROSS SECTIONS AT THE KNOLLS ATOMIC POWER LABORATORY.
CONF-650524-2 20H U 41 08 HC$ 1.00 MF$ 0.50

KRAICHNAN (ROBERT H.), PETERBOROUGH, N. H.
ISOTROPIC TURBULENCE AND INERTIAL-RANGE STRUCTURE IN THE ABRIDGED LHDI APPROXIMATION.
AD-628 540 20D T 66 07 HC$ 3.00 MF$ 0.75

DISPERSION OF PARTICLE PAIRS IN HOMOGENEOUS TURBULENCE.
AD-628 541 20D T 66 07 HC$ 1.00 MF$ 0.50

INVARIANCE PRINCIPLES AND APPROXIMATION IN TURBULENCE DYNAMICS.
AD-628 542 20D T 66 07 HC$ 2.00 MF$ 0.50

LAMONT GEOLOGICAL OBSERVATORY, PALISADES, N. Y.
THE USE OF LEAKING MODES IN SEISMOGRAM INTERPRETATION AND IN STUDIES OF CRUSTMANTLE STRUCTURE,
AD-628 458 8K T 66 07

PARTIAL DERIVATIVES OF SURFACE WAVE PHASE VELOCITY WITH RESPECT TO PHYSICAL PARAMETER CHANGES WITHIN THE EARTH.
AD-629 532 8K T 66 08

RESEARCH ON QUANTITIES AND CONCENTRATIONS OF EXTRATERRESTRIAL MATTER THROUGH SAM- PLINGS OF OCEAN BOTTOMS. SIX M-MONTH STATUS REPORT, MAR-AUG 1965.
N66-11769 8G U 41 08 HC$ 1.00 MF$ 0.50

LANGLEY PORTER NEUROPSYCHIATRIC INST., SAN FRANCISCO, CALIF.
THE AUDITORY EVOKED RESPONSE AS A DIAGNOSTIC AND PROGNOSTIC MEASURE IN SCHIZOPHRENIA,
AD-628 371 6E T 66 07

LASH MILLER CHEMICAL LABS., UNIV. OF TORONTO (ONTARIO).
DISTRIBUTION OF ENERGY IN THE PRODUCTS OF REACTIONS UNDER FLAME AND RELATED CONDITIONS.
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50

LAWRENCE RADIATION LAB. CALIFORNIA UNIV., BERKELEY.
OCCURRENCE OF BIOGENIC STERANES AND PENTACYCLIC TRITERPANES IN AN EOCENE SHALE /60 MILLION YEARS/ AND IN AN EARLY PRE-CAMBRIAN SHALE /2.7 BILLION YEARS PRELIMINARY REPORT,
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50

LAWRENCE RADIATION LAB., UNIV. OF CALIFORNIA, LIVERMORE.
PROCEEDINGS OF THE 1965 SYMPOSIUM ON ENGINEERING PROBLEMS OF CONTROLLED THERMONUCLEAR RESEARCH, MAY 4-7, 1965.
CONF-650512 18A U 41 08 HC$ 6.00 MF$ 1.25

WIGNERS ANALYSIS OF THE UNITARY REPRESENTA- TIONS OF THE POINCARE GROUP,
UCRL-12359 20J U 41 07 HC$ 3.00 MF$ 0.75

FINITE DIFFERENCE METHODS FOR NONLINEAR RADIATION TRANSPORT,
UCRL-12411 12A U 41 07 HC$ 2.00 MF$ 0.50

RADIOCHEMICAL PURIFICATION PROCEDURES FOR THE ELEMENTS,
UCRL-14258 7B U 41 08 HC$ 4.00 MF$ 1.00

LATTICE MODELS FOR COOPERATIVE PHENOMENA. I. SURVEY AND COMPARISON OF APPROXIMATE METHODS,
UCRL-14287 20B U 41 07 HC$ 2.00 MF$ 0.50

HAZARDS CONTROL QUARTERLY REPORT NO. 21, APRIL - JUNE 1965.
UCRL-14351 6R U 41 07 HC$ 2.00 MF$ 0.50

THE CALCULATION OF TREATMENT SCHEDULES FOR CANCER CHEMOTHERAPY. PART II,
UCRL-14505 6E U 41 08 HC$ 2.00 MF$ 0.50

LEICESTER UNIV. (ENGLAND). DEPT. OF BIOCHEMISTRY.
PURIFICATION AND PROPERTIES OF ACYLTRANSFERASES FROM PSEUDOMONAS AERUGINOSA,
AD-628 390 6A T 66 07

LEICESTER UNIV. (ENGLAND). DEPT. OF CHEMISTRY.
EFFECT OF ADDED ELECTROLYTE ON THE ELECTRON SPIN RESONANCE SPECTRA OF SOLUTIONS OF METALS IN AMMONIA,
AD-629 208 7D T 66 08

LENKURT ELECTRIC CO., INC., SAN CARLOS, CALIF.
AMPLIFIER ASSEMBLY AM-4006( ) /FCC-17 (SUPERGROUP CARRIER AMPLIFIER).
AD-628 157 9E T 66 07 HC$ 3.60 MF$ 0.50

AD-628 158 9E T 66 07 HC$ 2.60 MF$ 0.50

LEWIS (E. B.) CO., INC., EAST HARTFORD, CONN.
PRODUCTION ENGINEERING MEASURE CRYSTAL UNIT CR-(XH-46A)/U.
AD-629 178 9A T 66 08 HC$ 2.00 MF$ 0.50

LEXINGTON LABS., INC., CAMBRIDGE, MASS.
VAPOR PHASE GROWTH OF RUBY MONOCRYSTALS.
AD-629 154 20B T 66 08 HC$ 3.60 MF$ 0.50

LIEGE UNIV. (BELGIUM). DEPT. OF ASTROPHYSICS.
THE ROTATIONAL AND VIBRATIONAL 'TEMPERATURES' OF C2 IN COMETS.
AD-628 814 3B T 66 07 HC$ 2.60 MF$ 0.50

LIEGE UNIV. (BELGIUM).
RELATIVISTIC EFFECTS IN STATISTICAL HYDRODYNAMICS,
AD-629 690 20D T 66 08

LIEGE UNIV. (BELGIUM). DEPT. OF ASTROPHYSICS.
THE LAMBDA 4300 BAND OF CH IN THE SPECTRUM OF COMET IKEYA (1963A).
AD-628 813 3B T 66 07 HC$ 2.60 MF$ 0.50

LINCOLN LAB., MASS. INST. OF TECH., LEXINGTON.
A FOURIER THEOREM AND ITS APPLICATION TO THE MEASUREMENT OF ELECTROMAGNETIC FIELDS AND QUANTUM MECHANICAL STATES.
AD-407 604 20C U 41 07 HC$ 1.00

MAGNETIC STUDIES OF THE ANTIFERROMAGNET RBMNF3.
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50

LINCOLN LAB., MASS. INST. OF TECH., LEXINGTON.
GEOMETRY AND PATTERNS OF LARGE APERTURE SEISMIC ARRAYS.
AD-628 148 8K T 66 07 HC$ 8.60 MF$ 0.75

SCATTERING AND ATTENUATION BY PRECIPITATION PARTICLES.
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75

RESONANCE SCATTERING OF LYMAN-ALPHA RADIATION BY HYDROGEN IN THE GROUND STATE,
AD-628 493 20F T 66 07 HC$ 2.60 MF$ 0.50

BASELINE: A MAN-MACHINE PROGRAM FOR DATA ANALYSIS.
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00

EXPERIMENTS ON SYSTEMS.
AD-628 558 5H T 66 07

GALVANO-THERMOMAGNETIC PHENOMENA AND THE FIGURE OF MERIT IN BISMUTH: II. SURVEY OF EXPERIMENTAL DATA AND CALCULATION OF DEVICE PARAMETERS,
AD-628 559 10B T 66 07

PRESSURE-TUNED POSE DIODE LASER,
AD-628 560 20E T 66 07

REDIRECTING THE SEARCH PROCESS,
AD-628 561 5J T 66 07

SEARCHING THROUGH WORD LISTS,
AD-628 562 5J T 66 07

SELF-FOCUSING OF OPTICAL BEAMS,
AD-628 563 20F T 66 07

TELLING A COMPUTER HOW TO EVALUATE MULTIDIMENSIONAL SITUATIONS.
AD-628 564 5H T 66 07

TENUOUS SURFACE LAYER ON THE MOON: EVIDENCE DERIVED FROM RADAR OBSERVATIONS,
AD-628 565 3B T 66 07

THERMAL CRACKING OF WAVEGUIDE WINDOWS.
AD-628 987 9A T 66 08 HC$ 1.60 MF$ 0.50

GENERATION OF THE LUNAR EPHEMERIS ON AN ELECTRONIC COMPUTER.
AD-629 047 3A T 66 08 HC$ 2.00 MF$ 0.50

SOLID STATE RESEARCH 1965-3,
AD-629 048 20L T 66 08 HC$ 3.00 MF$ 0.75

GENERATION OF PLANETARY EPHEMERIDES ON AN ELECTRONIC COMPUTER.
AD-629 130 3A T 66 08 HC$ 8.60 MF$ 0.75

STATISTICAL METHODS FOR THE ANALYSIS OF RE-ENTRY VEHICLE RADAR DATA, PART I.
AD-629 359 17I T 66 08 HC$10.60 MF$ 0.75

A COMPUTER FOR VOCODER PITCH EXTRACTION.
AD-629 361 9B T 66 08 HC$ 2.00 MF$ 0.50

PHASED ARRAY RADAR STUDIES, 1 JANUARY 1963 TO 1 JULY 1964.
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75

LINDE DIV., UNION CARBIDE CORP., EAST CHICAGO, IND.
PRODUCTION ENGINEERING MEASURE FOR RUBY LASER RODS.
AD-629 170 20E T 66 08 HC$ 1.60 MF$ 0.50

LITTLE (ARTHUR D.) INC., CAMBRIDGE, MASS.
TEMPERATURE DEPENDENCE OF THE INFRARED SPECTRA OF SELECTED DIELECTRICS II.
AD-628 793 20L T 66 07 HC$ 2.60 MF$ 0.50

A THERMAL RADIATION HEAT SOURCE AND IMAGING SYSTEM FOR BIOMEDICAL RESEARCH,
AD-629 590 14B T 66 08 HC$ 2.00 MF$ 0.50

ISOTOPES IN INDUSTRY. TRENDS IN THE INDUSTRIAL USE OF RADIOISOTOPES AND IONIZING RADIATION.
NYO-3337-16 13H U 41 07 HC$ 1.50 MF$ 1.00

LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.
THE MECHANISM OF PROTON TRANSPORT IN AQUEOUS SOLUTIONS,
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50

THERMAL SCALE MODELING OF THE MARINER IV SPACECRAFT.
N66-10631 22B U 41 08 HC$ 5.00 MF$ 1.00

FREIGHT PROBLEMS OF NEW ENGLAND RAILROADS. SECTION I. SUMMARY OF FINDINGS AND IMPLICATIONS FOR FURTHER STUDY. SECTION 2. THE NEW ENGLAND RAILROAD STUDY: RAIL FREIGHT TRAFFIC PATTERNS (AN ABRIDGED VERSION),
PB-169 387 5C U 41 08 HC$ 5.00 MF$ 1.00

LITTON INDUSTRIES, SAN CARLOS, CALIF. ELECTRON TUBE DIV.
RESEARCH ON NOISE IN CROSSED-FIELD GUNS.

AD-628 231 9A T 66 07 HC$17.00 MF$ 1.00

LIVINGSTON ELECTRONIC CORP., MONTGOMERYVILLE, PA.
DEVELOPMENT OF A LOW TEMPERATURE BATTERY FOR SPACE PROBE APPLICATIONS.
N66-12347 10C U 41 08 HC$ 4.00 MF$ 1.00

LOCKHEED AIRCRAFT CORP., BURBANK, CALIF.
SOME ASPECTS OF HYPERALTITUDE PHOTOGRAMMETRY. REPORT NO. 1,
N66-12170 8B U 41 08 HC$ 4.00 MF$ 0.75

PHOTO INTERPRETATION OF WHITE SANDS ROCKET PHOTOGRAPHY. REPORT NO. 2,
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75

LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF.
EFFECTS OF ELECTRON BOMBARDMENT ON THE OPTICAL PROPERTIES OF SPACECRAFT TEMPERATURE CONTROL COATINGS.
AD-628 615 22B T 66 07

LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. RESEARCH LABS.
PULSE PROPAGATION IN ANISOTROPIC, RANDOMLY INHOMOGENEOUS MEDIA.
AD-628 468 20N T 66 07

COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. II. EXPERIMENTAL.
AD-628 469 20E T 66 07

COHERENCE EFFECTS IN GASEOUS LASERS WITH AXIAL MAGNETIC FIELDS. I. THEORETICAL.
AD-628 470 20E T 66 07

THE DISTRIBUTION OF X-RAY SOURCES IN THE GALAXY.
AD-628 471 4B T 66 07

AN INVESTIGATION OF THE PANEL COLLAPSE STRENGTH OF STIFFENED PLASTIC HEMISPHERES.
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50

SPACE MATERIALS HANDBOOK.
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50

LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF.
MULTIVARIATE-NORMAL CLASSIFICATION WITH COVARIANCES KNOWN.
AD-628 472 12A T 66 07

THE NEWTONIAN DIFFUSE METHOD FOR COMPUTING AERODYNAMIC FORCES,
AD-628 762 20D T 66 07 HC$ 3.60 MF$ 0.50

LOCKHEED-CALIFORNIA CO., BURBANK.
EXPEDITION TO THAILAND FOR THE NOVEMBER 23, 1965 ANNULAR ECLIPSE.
AD-629 627 3B T 66 08 HC$ 2.00 MF$ 0.50

A FLIGHT AND WIND TUNNEL INVESTIGATION OF THE EFFECT OF ANGLE-OF-ATTACK RATE ON MAXIMUM LIFT COEFFICIENT,
N65-35827 1A U 41 07 HC$ 3.00 MF$ 0.50

LOS ALAMOS SCIENTIFIC LAB., UNIV. OF CALIFORNIA, N. MEX.
AN EXPERIMENTAL DC ELECTROMAGNETIC PUMP FOR A MOLTEN PLUTONIUM ALLOY,
LA-3240 13K U 41 07 HC$ 2.00 MF$ 0.50

COMPUTER REDUCTION OF METABOLIC DATA OBTAINED FROM SCINTILLATION COUNTERS,
LA-3298 9B U 41 07 HC$ 2.00 MF$ 0.50

ELECTRICAL CHARACTERISTICS OF COAXIAL CABLE,
LA-3318 9A U 41 08 HC$ 1.00 MF$ 0.50

AN INTEGRATED SERIES OF CRYSTALLOGRAPHIC COMPUTER PROGRAMS. IX. REPARATION OF TABLES FOR PUBLICATION,
LA-3354 9B U 41 08 HC$ 2.00 MF$ 0.75

IODINE 131 SAMPLING WITH ACTIVATED CHARCOAL AND CHARCOAL-IMPREGNATED FILTER PAPER,
LA-3363 6R U 41 07 HC$ 1.00 MF$ 0.50

ANALYSIS OF A PROTON LINEAR ACCELERATOR RF SYSTEM AND APPLICATION TO RF PHASE CONTROL,
LA-3372 20G U 41 08 HC$ 7.00 MF$ 1.50

DTF-IV-A FORTRAN-IV PROGRAM FOR SOLVING THE MULTIGROUP TRANSPORT EQUATION WITH ANISOTROPIC SCATTERING,
LA-3373 9B U 41 07 HC$ 4.00 MF$ 1.00

A TABLE OF BINDING ENERGIES AND PARTICLE SEPARATION ENERGIES FROM A MASS LAW,
LA-3380 20H U 41 08 HC$ 4.00 MF$ 1.00

FORTRAN IV HYDROGEN PROPERTY TABULAR CODES,
LA-3381 20H U 41 07 HC$ 2.00 MF$ 0.50

90 SR, 137 CS, AND RADIOACTIVE RARE EARTHS IN ENVIRONMENTAL RAIN AND AIR AT LOS ALAMOS, NEW MEXICO, 1963-1964,
LA-3382 6R U 41 07 HC$ 1.00 MF$ 0.50

ON FREQUENCY DISCRETIZATION AND CONSERVA- TIVE DIFFERENCE EQUATIONS FOR RADIATIVE TRANSFER,
LA-3401 12A U 41 07 HC$ 1.00 MF$ 0.50

THERMAL NEUTRON SPECTRA FROM AN UNDERGROUND NUCLEAR EXPLOSION WITH SPECIAL CONSIDERATION OF SPECTRAL MODIFICATION DUE TO BOMB DEBRIS MOTION,
LA-3403 18C U 41 08 HC$ 3.00 MF$ 0.50

THERMODYNAMIC-TRANSPORT AND RELATED PROPERTIES OF PARA-HYDROGEN FROM 36 TO 5000 DEG R AT PRESSURES TO 5000 PSIA,
LA-3405 20H U 41 07 HC$ 2.00 MF$ 0.50

COMPUTATION OF FAST NEUTRON PENETRATION IN AIR BY THE SN-METHOD WITH SPECIAL EMPHASIS ON THE USE OF MULTI-TABLE-MULTI- GROUP CROSS SECTION SETS,
LA-3415 20H U 41 08 HC$ 3.00 MF$ 0.75

QUARTERLY STATUS REPORT ON THE MEDIUM-ENERGY PHYSICS PROGRAM FOR PERIOD ENDING SEPTEMBER 30, 1965.
LA-3419 20G U 41 07 HC$ 3.00 MF$ 0.50

SEMIANNUAL STATUS REPORT OF THE LASL CONTROLLED THERMONUCLEAR RESEARCH PROGRAM FOR PERIOD ENDING OCTOBER 31, 1965.
LA-3434 18A U 41 07 HC$ 3.00 MF$ 0.75

LOUISANA STATE UNIV., BATON ROUGE. DEPT. OF MATHEMATICS.
INTERPOLATION AND APPROXIMATION WITH RATIONAL FUNCTIONS,
AD-628 397 12A T 66 07

LOUISIANA STATE UNIV., BATON ROUGE. COASTAL STUDIES INST.
AUSTRALIAN TIDAL FLATS.
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50

LOUVAIN UNIV. (BELGIUM). LAB. OF INORGANIC CHEMISTRY.
THEORETICAL AND EXPERIMENTAL STUDY OF REACTION KINETICS IN FLAMES.
AD-628 144 21B T 66 07 HC$ 1.60 MF$ 0.50

LOUVAIN UNIV. (BELGIUM).
ON THE INFLUENCE OF THE ELASTICITY OF COMPONENTS IN A SPINNING SATELLITE ON THE STABILITY OF ITS MOTION,
AD-628 247 22B T 66 07 HC$ 3.60 MF$ 0.50

AN EMPIRICAL METHOD FOR THE ESTIMATION OF BOND DISSOCIATION ENERGIES,
AD-629 027 7D T 66 08

LOVELACE FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, ALBUQUERQUE, N. MEX. DEPT. OF MICROBIOLOGY.
INTESTINAL SPIROCHETES AND DISEASE IN DOGS.
LF-27 6M U 41 07 HC$ 1.00 MF$ 0.50

LOVELACE FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, ALBUQUERQUE, N. MEX.
SELECTIVE SUMMARY OF STUDIES ON THE FISSION PRODUCT INHALATION PROGRAM.
LF-28 18G U 41 08 HC$ 3.50 MF$ 1.50

LTV ASTRONAUTICS DIV., LING-TEMCO-VOUGHT, INC., DALLAS, TEX.
SCOUT MOTOR PERFORMANCE ANALYSIS AND PREDICTION STUDY (PAPS),
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25

LTV VOUGHT AERONAUTICS DIV., LING-TEMCO-VOUGHT, INC., DALLAS, TEX.
INVESTIGATION OF CONTACTLESS SWITCHING CONCEPTS FOR APPLICATION TO AIRCRAFT ELECTRICAL SYSTEMS. VOLUME VI. FLIGHT TEST EVALUATION OF A PROTOTYPE CONTACTLESS SWITCHING SYSTEM,
AD-628 581 1C T 66 07 HC$11.60 MF$ 0.75

FATIGUE BEHAVIOR OF TI-8AL-1MO-1V SHEET IN A SIMULATED WING STRUCTURE UNDER THE ENVIRONMENT OF A SUPERSONIC TRANSPORT.
N66-10606 11F U 41 07 HC$ 3.00 MF$ 0.75

INVESTIGATIONS OF ELECTRON INTERACTIONS WITH MATTER. PART I. BREMSSTRAHLUNG PRODUCTION IN ALUMINUM AND IRON. PART II. ELECTRON SCATTERING IN ALUMINUM.
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75

LUND UNIV. (SWEDEN).
DISTRIBUTION OF ADRENERGIC NERVES TO ORBITAL STRUCTURES,
AD-628 740 6P T 66 07

LYON UNIV. (FRANCE).
ETUDE STATISTIQUE DU CYCLE VEILLE-SOMMEILS CHEZ LE CHAT (STATISTICAL STUDY OF THE SLEEP-WALKING CYCLE IN THE CAT),
AD-629 203 6P T 66 08

EFFETS DE RESERPINE, DOPA ET 5 HTP SUR LES DEUX ETATS DE SOMMEIL (EFFECTS OF RESERPINE, DOPA AND 5 HTP ON THE TWO STATES OF SLEEP),
AD-629 216 6O T 66 08

LYON UNIV. (FRANCE). DEPT. OF EXPERIMENTAL MEDICINE.
NEUROPHYSIOLOGICAL MECHANISMS OF THE STATES OF SLEEP.
AD-628 246 6P T 66 07 HC$ 1.60 MF$ 0.50

ETUDE DE LA MOTRICITE OCULAIRE AU COURS DE LA PHASE PARADOXALE DU SOMMEIL CHEZ LE CHAT (STUDY OF EYE MOVEMENT DURING THE PARADOXICAL PHASE OF SLEEP IN THE CAT),
AD-629 218 6P T 66 08

LYON UNIV. (FRANCE). LABORATOIRE DE PATHOLOGIE EXPERIMENTALE.
PARADOXICAL SLEEP-A STUDY OF ITS NATURE AND MECHANISMS,
AD-629 202 6P T 66 08

MALLINCKRODT CHEMICAL LABS., HARVARD UNIV., CAMBRIDGE, MASS.
MICROWAVE SPECTRUM, INTERNAL BARRIER, MOLECULAR STRUCTURE AND DIPOLE MOMENT OF DISILANYL FLUORIDE.
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50

A NOTE ON THE VARIATION-PERTURBATION METHOD FOR EXCITED STATES.
AD-628 120 7D T 66 07 HC$ 1.00 MF$ 0.50

MANCHESTER UNIV. (ENGLAND). DEPT. OF ASTRONOMY.
THREE COLOUR PHOTOELECTRIC PHOTOMETRY OF THE MOON.
AD-628 557 3B T 66 07 HC$ 8.60 MF$ 0.75

MANCHESTER UNIV. (ENGLAND). DEPT. OF MECHANICS OF FLUIDS.
ONE-DIMENSIONAL COMPRESSION OF A COLLISIONLESS GAS.
AD-629 301 20D T 66 08

MANLABS, INC., CAMBRIDGE, MASS.
THE PREPARATION AND STRUCTURE OF THIN FILMS OF BORON ON SILICON.
AD-628 632 20L T 66 07

THE LATTICE STABILITY OF METALS V. VANADIUM, CHROMIUM, COBALT AND NICKEL.
AD-628 985 20B T 66 08 HC$ 1.00 MF$ 0.50

PHYSICAL EVALUATION OF THIN FILMS OF SOLID STATE MATERIALS.
AD-629 061 7D T 66 08 HC$ 3.00 MF$ 0.75

ANALYSES OF VAPORIZATION IN LIQUID URANIUM BEARING SYSTEMS AT VERY HIGH TEMPERATURES.
N66-12256 20H U 41 07 HC$ 2.00 MF$ 0.50

MARQUARDT CORP., VAN NUYS, CALIF.
REFRACTORY THRUST CHAMBERS FOR SPACECRAFT ENGINES.
N66-12874 21H U 41 08 HC$ 5.00 MF$ 1.00

MARTIN CO., BALTIMORE, MD.
EFFECT OF VACUUM ON THE MECHANICAL BEHAVIOR OF METALS.
AD-628 794 11F T 66 07 HC$ 1.00 MF$ 0.50

VACUUM EFFECTS ON THE TENSILE AND CREEP PROPERTIES OF ALUMINUM.
AD-629 019 11F T 66 08

MARTIN CO., BALTIMORE, MD. NUCLEAR DIV.
RADIOISOTOPE-FUELED AUXILIARY POWER UNIT.
MND-P-3006 18N U 41 08 HC$ 4.00 MF$ 0.75

MND-P-3007 18N U 41 08 HC$ 5.00 MF$ 1.00

MARTIN CO., BALTIMORE, MD. RESEARCH INST. FOR ADVANCED STUDIES.
A STUDY OF THE FEASIBILITY OF DETECTING EXTRATERRESTRIAL LIFE BASED ON THE EXCHANGE BETWEEN WATER AND OXYANIONS AND A STUDY OF ENERGY EXCHANGE IN AUTOTROPHIC LIFE.
N66-10939 6C U 41 08 HC$ 3.00 MF$ 0.75

MARTIN CO., DENVER, COLO.
OPTIMIZATION OF HYDRAULIC THRUST VECTOR CONTROL SYSTEMS FOR LAUNCH VEHICLES, VOLUME III, SECTION 2.
N66-12611 22D U 41 08 HC$ 8.45 MF$ 2.25

MARTIN CO., DENVER, COLO. AEROSPACE DIV.
DETERMINATION OF LOW-TEMPERATURE FATIGUE PROPERTIES OF STRUCTURAL METAL ALLOYS.
N66-10611 11F U 41 08 HC$ 5.00 MF$ 1.00

MARTIN CO., ORLANDO, FLA.
ESTABLISHMENT OF STANDARDS FOR COMPATABILITY OF PRINTED CIRCUIT AND COMPONENT LEAD MATERIALS.
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00

MARYLAND MEDICO-LEGAL FOUNDATION, INC., BALTIMORE.
MORPHOLOGY AND MORPHOGENESIS OF LEAD ENCEPHALOPATHY.
AD-629 314 6T T 66 08

MARYLAND UNIV., COLLEGE PARK.
THEORY OF WING BROADENING OF THE HYDROGEN LYMAN-ALPHA LINE BY ELECTRONS AND IONS IN A PLASMA.
AD-628 464 20I T 66 07

EXPERIMENTAL STUDY OF SHOCK WAVE FORMATION IN AN ALMOST COLLISIONFREE PLASMA.
AD-629 358 20I T 66 08

MARYLAND UNIV., COLLEGE PARK. COMPUTER SCIENCE CENTER.
TREETRAN - A FORTRAN IV SUBROUTINE PACKAGE FOR MANIPULATION OF ROOTED TREES.
N66-10928 9B U 41 08 HC$ 3.00 MF$ 0.75

MARYLAND UNIV., COLLEGE PARK. DEPT. OF PHYSICS AND ASTRONOMY.
HIGH-ORDER LIMIT OF PARA-BOSE AND PARAFERMI FIELDS.
AD-629 041 20J T 66 08

SOFT X-RAY EMISSION SPECTRUBY F METALS.
AD-629 149 7D T 66 08

MARYLAND UNIV., COLLEGE PARK. DEPT. OF PSYCHOLOGY.
A CROSS-CULTURAL COMPARISON OF PRINTED COMMUNICATION VERSUS SPOKEN COMMUNICATION IN PERSUASION.
AD-628 651 5J T 66 07

MARYLAND UNIV., COLLEGE PARK. DEPT. OF ZOOLOGY.
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE, VOLUME 5, NO. 2.
AD-629 374 6C T 66 08 HC$ 1.00 MF$ 0.50

MARYLAND UNIV., COLLEGE PARK. INST. FOR FLUID DYNAMICS AND APPLIED MATHEMATICS.
A FINITE DIFFERENCE ANALOG OF THE NEUMANN PROBLEM FOR POISSON'S EQUATION.
AD-629 528 12A T 66 08

MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
CALCULAID: AN ON-LINE SYSTEM FOR ALGEBRAIC COMPUTATION AND ANALYSIS.
AD-474 019 9B U 41 07 HC$ 3.00 MF$ 0.50

SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75

PROJECT MAC: PROGRESS REPORT II: JULY 1964 TO JULY 1965.
AD-629 494 9B T 66 08 HC$ 6.00 MF$ 1.25

BEHAVIOR OF THE SONIC BOOM SHOCK WAVE NEAR THE SONIC CUTOFF ALTITUDE.
N66-13291 20A U 41 07 HC$ 3.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. AEROPHYSICS LAB.
EFFECT OF VORTEX SEPARATION ON LIFTING BODIES OF ELLIPTIC CROSS SECTION.
AD-628 224 20D T 66 07 HC$12.60 MF$ 1.00

HIGH SPEED VISCOUS, REACTING AND RADIATING FLOWS.
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50

METHODS OF CONTROLLING THE ROLL DEGREE OF FREEDOM IN A WIND TUNNEL MAGNETIC BALANCE. PART I. PRODUCTION OF ROLLING MOMENTS.
AD-628 570 14B T 66 07 HC$ 4.60 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. CENTER FOR SPACE RESEARCH.
STUDY OF A RADIO PROBE OF THE EXTENDED SOLAR CORONA.
N66-11752 9A U 41 08 HC$ 1.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF METEOROLOGY.
STUDIES OF THE ATMOSPHERIC GENERAL CIRCULATION, IV.
AD-617 124 4B U 41 07 HC$ 7.25

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF AERONAUTICS AND ASTRONAUTICS.
THE FLOW FIELD INDUCED BY AN OSCILLATING SPHERE.
AD-628 452 20D T 66 07

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF MECHANICAL ENGINEERING.
EFFECT OF ABRASIVE PARTICLE SIZE ON WEAR.
AD-628 718 11K T 66 07

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF METALLURGY.
FIELD EFFECT MEASUREMENTS ON THE A AND B (111) SURFACES OF INDIUM ANTIMONIDE.
AD-629 200 20L T 66 08 HC$ 1.60 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF CHEMISTRY.
DIELECTRIC RELAXATION IN LIQUID POLYPROPYLENE OXIDES.
AD-629 393 7D T 66 08

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF CIVIL ENGINEERING.
DYNAMIC TESTS OF MODEL STEEL STRUCTURES.
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF GEOLOGY AND GEOPHYSICS.
PREPARATION OF HIGH SPECIFIC ACTIVITY SN125 RADIOTRACER.
PB-169 141 18B U 41 07 HC$ 1.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF NUCLEAR ENGINEERING.
NONLINEAR REACTOR KINETICS.
NMPP-FRPC-64-3 18K U 41 07 HC$ 2.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. LAB. FOR INSULATION RESEARCH.
EFFECTS OF OUTPUT COUPLING ON OPTICAL MASERS.
AD-628 705 20E T 66 07

THERMAL EFFECTS ON THE FLUORESCENCE LIFETIME AND SPECTRUM OF MGO:V(2+).
AD-629 266 20L T 66 08

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. AEROPHYSICS LAB.
RADIATION EFFECTS IN THE STAGNATION REGION BOUNDARY LAYER.
AD-628 547 20H T 66 07 HC$ 5.60 MF$ 0.75

MEASUREMENT OF VORTEX SEPARATION. PART I: TWO-DIMENSIONAL CIRCULAR AND ELLIPTIC BODIES.
AD-628 578 20D T 66 07 HC$ 3.00 MF$ 0.75

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF MATHEMATICS.
ON THE STABILITY OF BAROCLINIC FLOWS AS A FUNCTIONAL OF THE VELOCITY PROFILE.
AD-629 031 4A T 66 08

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF MECHANICAL ENGINEERING.
COUPLED VIBRATORY SYSTEM ANALYSIS USING THE DUAL FORMULATION.
AD-628 216 20K T 66 07 HC$ 1.60 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. ELECTRONIC SYSTEMS LAB.
COMPUTER-AIDED ELECTRONIC CIRCUIT DESIGN, PART I AND CONDUCTION PROCESSES IN THIN FILMS, PART II.
N65-17524 9A U 41 07 HC$ 3.00 MF$ 0.50

MASSACHUSETTS UNIV., AMHERST. DEPT. OF CHEMISTRY.
2,3-DIPHENYLVINYLENE SULFONE.
AD-628 659 7C T 66 07

MASSACHUSETTS UNIV., AMHERST. FLUID MECHANICS LAB.
MEASUREMENT OF LAMINAR VELOCITY PROFILES WITH NON-NEWTONIAN ADDITIVES USING PHOTOMICROSCOPY.
AD-628 568 20D T 66 07 HC$ 2.00 MF$ 0.50

MASSACHUSETTS UNIV., AMHERST. POLYMER RESEARCH INST.
X-RAY DIFFRACTION COMPUTER PROGRAMS FOR THE CDC 3600 AND THE IBM 7094.
AD-628 496 9B T 66 07 HC$ 3.00 MF$ 0.75

CALCULATION OF CRYSTAL BIREFRINGENCE AND INFRARED DICHROISM IN POLYMERIC SAMPLES FROM X-RAY POLE FIGURE DATA.
AD-628 503 11I T 66 07 HC$ 3.60 MF$ 0.50

MATERIALS RESEARCH CORP., ORANGEBURG, N. Y.
IRON SINGLE CRYSTAL PREPARATION. PART I. THE PREPARATION OF THE CRYSTALS AND A STUDY OF THEIR MECHANICAL AND ELECTRICAL PROPERTIES AT LOW TEMPERATURES. PART II. SOME EXPERIMENTS ON THE USE OF THE ELECTROTRANSPORT PHENOMENON FOR THE FURTHER PURIFICATION OF ELECTRON BEAM ZONE-REFIN.
MRC-489-PTS-1-2 20L U 41 07 HC$ 3.00 MF$ 0.75

MAUDSLEY HOSPITAL, LONDON (ENGLAND).
CONTINUOUS RECORDING OF CHANGES IN MEMBRANE POTENTIAL IN MAMMALIAN CEREBRAL TISSUES IN VITRO: RECOVERY AFTER DEPOLARIZATION BY ADDED SUBSTANCES.
AD-628 358 6P T 66 07

MCGILL UNIV., MONTREAL (QUEBEC). DEPT. OF GEOGRAPHY.
ON TERMITARIA IN A SAVANNA ECOSYSTEM BRITISH GUIANA.
AD-629 401 6C T 66 08

SAVANNAS: A REVIEW OF A MAJOR RESEARCH PROBLEM IN TROPICAL GEOGRAPHY. THE INTERIOR OF BRITISH GUIANA AND THE MYTH OF EL DORADO.
AD-629 402 8F T 66 08

MCGILL UNIV., MONTREAL (QUEBEC). UPPER ATMOSPHERE CHEMISTRY GROUP.
KINETICS OF ATMOSPHERIC GASES.
AD-629 064 4A T 66 08 HC$ 2.00 MF$ 0.50

MEASUREMENT ANALYSIS CORP., LOS ANGELES, CALIF.
SPECTRAL ANALYSIS OF NONSTATIONARY SPACECRAFT VIBRATION DATA.
N66-11250 22C U 41 07 HC$ 4.00 MF$ 0.75

MECHANICAL TECHNOLOGY, INC., LATHAM, N. Y.
DISTORTION OF GAS THRUST BEARING DUE TO VISCOUS SHEAR.
AD-629 038 13I T 66 08 HC$ 2.00 MF$ 0.50

CONDITIONS FOR THE RUPTURE OF A LUBRICATING FILM.
AD-629 039 11H T 66 08 HC$ 3.00 MF$ 0.50

MEDICAL RESEARCH COUNCIL, LONDON (ENGLAND).
EXPEDITION TO THE COLOMBIAN ANDES (9TH).
AD-466 169 6P U 41 07 HC$ 2.00 MF$ 0.50

MEDICAL RESEARCH COUNCIL, OXFORD (ENGLAND). CELL METABOLISM RESEARCH UNIT.
MICROBIAL GROWTH ON C-1 COMPONENTS. SYNTHESIS OF CELL CONSTITUENTS BY METHANEAND METHANOL-GROWN PSEUDOMONAS METHANICA.
AD-628 391 6M T 66 07

MELLON INST., PITTSBURGH, PA.
INTENSITY DISTRIBUTION IN THE ELECTRON-IMPACT SPECTRUM OF CARBON MONOXIDE AT HIGH-RESOLU- TION AND SMALL SCATTERING ANGLES.
AD-629 613 7D T 66 08

VISCOELASTIC BEHAVIOR OF POLYMERS AT LONG TIMES.
N66-11746 11I U 41 08 HC$ 1.00 MF$ 0.50

N66-12985 11J U 41 08 HC$ 1.00 MF$ 0.50

MELPAR, INC., FALLS CHURCH, VA.
ERROR ANALYSIS OF FRESNEL-RING FOCUSING.
AD-629 108 20N T 66 08 HC$ 3.00 MF$ 0.75

INTERRELATIONSHIPS BETWEEN STORAGE STABILITY AND MOISTURE SORPTION PROPERTIES OF DEHYDRATED FOODS.
AD-629 219 6H T 66 08 HC$ 4.00 MF$ 1.00

METEOROLOGY RESEARCH, INC., ALTADENA, CALIF.
FURTHER MOISTURE ANALYZER STUDIES.
N66-10683 10C U 41 08 HC$ 2.00 MF$ 0.50

MIAMI UNIV., CORAL GABLES, FLA.
CONVERGENCE OF COMPLEX LAGRANGE INTERPOLATION POLYNOMIALS ON THE LOCUS OF THE INTERPOLATION POINTS.
AD-629 626 12A T 66 08

MIAMI UNIV., CORAL GABLES, FLA. SCHOOL OF MEDICINE.
HUMAN ELECTRORETINOGRAPHY AS A GAUGE OF VISUAL PERFORMANCE.
AD-629 737 6P T 66 08 HC$ 2.00 MF$ 0.50

MICHIGAN STATE UNIV., EAST LANSING.
SPECIFIC HEAT OF FE3(PO4)2.8H2O.
AD-628 742 20L T 66 07

MICHIGAN UNIV., ANN ARBOR.
THE EFFECT OF GROUP SUCCESS ON THE REDUCTION OF STATUS INCONGRUENCE IN TASK-ORIENTED GROUPS.
AD-628 576 5K T 66 07

ON THE TRANSPORT PHENOMENA IN RARIFIED GASES.
AD-629 213 20D T 66 08 HC$ 2.60 MF$ 0.50

ON THE DISPERSION OF SOUND IN HELIUM.
AD-629 214 20A T 66 08 HC$ 1.60 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR. COLL. OF ENGINEERING.
TRANSMISSION OF THE HUMAN EYE.
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50

DIGITAL COMPUTER STUDIES OF CONDENSATION IN EXPANDING ONE-COMPONENT FLOWS.
AD-628 543 20D T 66 07 HC$ 6.60 MF$ 0.75

MICHIGAN UNIV., ANN ARBOR. DEPT. OF AERONAUTICAL AND ASTRONAUTICAL ENGINEERING.
THE GENERAL CONSERVATION LAWS IN A DILUTE PLASMA.
AD-628 292 20I T 66 07

MICHIGAN UNIV., ANN ARBOR. DEPT. OF AEROSPACE ENGINEERING.
TABLES FOR CALCULATING THE VOIGT PROFILE.
N66-10685 23B U 41 08 HC$ 4.00 MF$ 1.00

MICHIGAN UNIV., ANN ARBOR. DEPT. OF GEOLOGY AND MINERALOGY.
STUDY OF POLYTYPIC PHASE RELATIONS AMONG COMPLEX INORGANIC STRUCTURES.
AD-629 438 8G T 66 08 HC$ 1.60 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR. DEPT. OF MATHEMATICS.
GENERALIZATION OF THE CONCEPT OF CONTINUOUS FUNCTION AND HOMEOMORPHISM.
AD-629 604 12A T 66 08

MICHIGAN UNIV., ANN ARBOR. ELECTRON PHYSICS LAB.
INVESTIGATION OF LARGE-SIGNAL KLYSTRON AND TRAVELING-WAVE DEVICES.
AD-628 732 9A T 66 07 HC$ 3.00 MF$ 0.75

MICHIGAN UNIV., ANN ARBOR. INFRARED LAB.
A PHOSPHOR-BELT DISPLAY SYSTEM FOR PROVIDING AN ENDLESS RASTER LINE SCAN.
AD-265 898 17B U 41 08 HC$ 1.00

MICHIGAN UNIV., ANN ARBOR. INST. OF SCIENCE AND TECHNOLOGY.
ATTENUATION OF PN FROM OFFSHORE MAINE EXPLOSIONS.
AD-628 275 8K T 66 07

MICHIGAN UNIV., ANN ARBOR. RESEARCH CENTER FOR GROUP DYNAMICS.
STIMULUS GENERALIZATION AS A FUNCTION OF DRIVE SHIFT.
AD-629 034 5J T 66 08

MICROWAVE ASSOCIATES, INC., BURLINGTON, MASS.
INVESTIGATION OF HIGH POWER GASEOUS ELECTRONICS.
AD-629 537 20I T 66 08 HC$ 3.00 MF$ 0.75

MICROWAVE ELECTRONICS CORP., PALO ALTO, CALIF.
INVESTIGATIONS OF BROADBAND FERROMAGNETIC POWER LIMITERS AND EXPANDERS AS DUPLEXING ELEMENTS FOR MICROWAVE SYSTEMS.
AD-628 769 9E T 66 07 HC$ 2.60 MF$ 0.50

MICROWAVE LAB., STANFORD UNIV., CALIF.
MILLIMETER GENERATION AND NONLINEAR PROPAGATION IN FERROMAGNETICS.
AD-402 832 9E U 41 08 HC$ 2.00

ENERGY TRANSFER IN SOLID LASER MATERIALS.
AD-628 076 20E T 66 07 HC$ 1.00 MF$ 0.50

SELECTED STUDIES IN MICROWAVE ACOUSTICS.
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50

MICROWAVE RESEARCH.
AD-628 941 20E T 66 08 HC$ 1.60 MF$ 0.50

MICTRON, INC., ALBANY, N. Y.
C.W. X-BAND VOLTAGE TUNABLE OSCILLATOR.
AD-628 093 9A T 66 07 HC$ 3.00 MF$ 0.75

MIDWEST RESEARCH INST., KANSAS CITY, MO.
RATIONAL APPROXIMATIONS TO GENERALIZED HYPERGEOMETRIC FUNCTIONS.
AD-628 888 12A T 66 08 HC$ 4.60 MF$ 0.50

DETERMINATION OF MIXED VIRIAL COEFFICIENTS.
AD-628 889 7D T 66 08 HC$ 2.00 MF$ 0.50

EXTREME VACUUM TECHNOLOGY DEVELOPMENTS.
N65-36766 14B U 41 07 HC$ 2.00 MF$ 0.50

MILAN UNIV. (ITALY).
SUGGESTIONS FOR MECHANICAL TRANSLATION.
PB-169 241 5B U 41 07 HC$ 1.00 MF$ 0.50

MILAN UNIV. (ITALY). ISTITUTO DI CHIMICA GENERALE.
TRIPHENYLPHOSPHINE-GOLD(0) GOLD(1) COMPOUNDS.
AD-629 303 7D T 66 08

MILAN UNIV. (ITALY). ISTITUTO DI FISIOLOGIA UMANA.
LA FREQUENZA DI SCARICA DEI MOTONEURONI SPINALI NELL'ARTO SUPERIORE E INFERIORE DELL'UOMO IN RELAZIONE CON LA TENSIONE SVILUPPATA DAL MUSCOLO.
AD-629 109 6P T 66 08

INVESTIGATIONS ON THE EFFECT OF REPEATED HIGH G FORCES ON FROGS.
AD-629 110 6S T 66 08

FUNCTIONAL FUNDAMENTAL CHARACTERISTICS OF THE NERVOUS SYSTEM IN ATHLETES AND THE EFFECTS OF PERFORMANCE.
AD-629 111 6S T 66 08

MILITARY ACADEMY, WEST POINT, N. Y.
SEMINAR OF MILITARY COMPUTER EDUCATORS AND COMPUTER CENTER DIRECTORS.
AD-628 935 9B T 66 08 HC$ 7.20 MF$ 2.00

MILITARY RESEARCH AND DEVELOPMENT CENTER, BANGKOK (THAILAND).
VEGETATION ANALYSIS OF PRAN BURI DEFOLIATION TEST AREA 1.
AD-629 667 6C T 66 08 HC$ 5.60 MF$ 0.75

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE, WASHINGTON, D. C.
DATA AUTOMATION REQUIREMENT FOR THE STRATEGIC MOBILITY PLANNING AND ANALYSIS SYSTEM (STRATMAS).
AD-628 900 15E T 66 08 HC$ 3.00 MF$ 0.75

MINAS GERAIS UNIV. (BRAZIL). INST. OF BIOLOGY.
BASIC BIOLOGY AND TROPISTIC BEHAVIOR OF SCHISTOSOMA MANSONI CERCARIAE RELATING TO CERCARICIDAL AGENTS.
AD-467 125 6C U 41 07 HC$ 1.00 MF$ 0.50

MINNESOTA UNIV., MINNEAPOLIS.
ASYMPTOTIC BEHAVIOR OF SUCCESSIVE ITERATES OF CONTINUOUS FUNCTIONS UNDER A MARKOV OPERATOR,
AD-628 438 12A T 66 07

ERGODIC DECOMPOSITIONS INDUCED BY CERTAIN MARKOV OPERATORS,
AD-628 439 12A T 66 07

GALERKIN'S METHOD AND THE LOCAL POTENTIAL,
AD-628 582 12A T 66 07 HC$ 1.10 MF$ 0.50

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF AERONAUTICS AND ENGINEERING MECHANICS.
NONLINEAR OSCILLATIONS OF A GYROSCOPIC PENDULUM WITH AN OSCILLATING POINT OF SUSPENSION,
AD-629 568 20K T 66 08

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF CHEMICAL ENGINEERING.
AN ANALYSIS OF CHEMICAL REACTOR STABILITY AND CONTROL,
PB-169 137 7A U 41 07 HC$ 4.00 MF$ 0.75

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF CHEMISTRY.
A HYDROGEN-CONTAINING TRAPPED HOLE CENTER IN MAGNESIUM OXIDE,
AD-629 658 20L T 66 08

SPIN STATES OF TRIVALENT CHROMIUM WITH TETRAGONAL SYMMETRY IN MGO,
AD-629 659 20L T 66 08

THERMOLUMINESCENT FORMATION OF CR(2+) IN MAGNESIUM OXIDE,
AD-629 660 20L T 66 08

TRAPPED HOLE CENTER CONTAINING FLUORINE IN MAGNESIUM OXIDE,
AD-629 661 20L T 66 08

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF GEOLOGY AND GEOPHYSICS.
SEISMIC STUDIES ON THE ALASKAN COASTAL PLAIN.
AD-628 490 8K T 66 07 HC$10.60 MF$ 0.75

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF MATHEMATICS.
TRANSLATION-INVARIANT CONES OF FUNCTIONS ON SEMI-SIMPLE LIE GROUPS,
AD-629 600 12A T 66 08

CONVERGENCE OF WEIGHTED AVERAGES OF INDEPENDENT RANDOM VARIABLES,
AD-629 602 12A T 66 08

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF STATISTICS.
RANK ORDER PROBABILITIES: TWO-SAMPLE NORMAL SHIFT ALTERNATIVES.
AD-628 947 12A T 66 08 HC$ 6.00 MF$ 1.25

MINNESOTA UNIV., MINNEAPOLIS. HEAT TRANSFER LAB.
HOT-WIRE ANEMOMETER STUDY OF A TURBULENT BOUNDARY LAYER ON A POROUS AXIAL CIRCULAR CYLINDER WITH UNIFORM AIR INJECTION.
AD-628 083 20D T 66 07 HC$ 4.00 MF$ 0.75

AN ANODE COMPARISON STUDY IN A WALL-STABILIZED ARGON ARC.
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75

MINNESOTA UNIV., MINNEAPOLIS. LAB. FOR BIOPHYSICAL CHEMISTRY.
SUBSTRATE CONTROL OF PROTEIN CONFORMATION,
AD-628 264 6A T 66 07

MINNESOTA UNIV., MINNEAPOLIS. LINEAR ACCELERATOR LAB.
ANNUAL PROGRESS REPORT ON LINEAR ACCELERATOR RESEARCH, DECEMBER 1963JULY 1964.
TID-21335 20G U 41 08 HC$ 5.00 MF$ 1.00

MINNESOTA UNIV., MINNEAPOLIS. SCHOOL OF CHEMISTRY.
CALIBRATION OF THE GLASS ELECTRODE IN ACETONITRILE. SHAPE OF POTENTIOMETRIC TITRATION CURVES. DISSOCIATION CONSTANT OF PICRIC ACID,
AD-629 614 7D T 66 08

MISSISSIPPI STATE UNIV., STATE COLLEGE.
SOME OF THE EFFECTS OF THREE AMINO ACIDS ON THE GROWTH OF HYDROGENOMONAS EUTROPHA.
N66-10956 6A U 41 08 HC$ 4.00 MF$ 0.75

MISSISSIPPI STATE UNIV., STATE COLLEGE. DEPT. OF AEROPHYSICS.
A PRELIMINARY STUDY TO DETERMINE THE FEASIBILITY OF REINFORCED PLASTIC COLUMN MEMBERS FOR AIRCRAFT STRUCTURES.
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75

MISSISSIPPI UNIV., UNIVERSITY.
VIBRATIONAL RELAXATION IN CARBON DIOXIDE/WATER-VAPOR MIXTURES.
AD-628 572 7D T 66 07

ULTRA-VIOLET ABSORPTION SPECTRA OF IODINE-N-HEPTANE-(PNC12)3 SOLUTIONS.
AD-629 551 7D T 66 08

SOLVENT EFFECTS ON THE ULTRA-VIOLET AND INFRA-RED ABSORPTION SPECTRA OF PHOSPHONITRILIC CHLORIDES.
AD-629 552 7B T 66 08

SOLVENT EFFECTS ON CHARGE-TRANSFER COMPLEXES. II. COMPLEXES OF 1,3,5- TRINITROBENZENE WITH BENZENE, MESITYLENE, DURENE, PENTAMETHYLBENZENE, OR HEXAMETHYLBENZENE,
AD-629 553 7C T 66 08

MITHRAS, INC., CAMBRIDGE, MASS.
INVESTIGATION OF THE DYNAMIC PROPERTIES OF PHASE TRANSITIONS OF ORDERED MAGNETIC STATES.
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75

MITRE CORP., BEDFORD, MASS.
COLOR CODING IN FORMATTED DISPLAYS,
AD-628 624 5J T 66 07

PROCEEDINGS OF THE TROPOSPHERIC REFRACTION EFFECTS MEETING (3RD). VOLUME II. ANALYTICAL AND EXPERIMENTAL REFRACTION RESEARCH RESULTS.
AD-628 772 20N T 66 07 HC$ 6.00 MF$ 1.50

WAVEGUIDE TRANSMISSION CAVITY WITH LOSSES,
AD-628 773 20N T 66 07 HC$ 2.00 MF$ 0.50

ELECTRON COLLISION FREQUENCY VERSUS CHARGED PARTICLE SEEDING,
AD-628 777 20I T 66 07 HC$ 2.60 MF$ 0.50

MODE THEORY APPROACH TO ARRAYS,
AD-628 778 20N T 66 07 HC$ 3.60 MF$ 0.50

THE MITRE SYNTACTIC ANALYSIS PROCEDURE FOR TRANSFORMATIONAL GRAMMARS,
AD-629 455 5G T 66 08

MOLECULAR PSYCHOBIOLOGY LAB., YORK UNIV., TORONTO (ONTARIO).
NUCLEIC ACID AND PROTEIN CHANGES DURING DEVELOPMENT IN NORMAL AND VISUALLY DEPRIVED RATS.
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50

MONSANTO CHEMICAL CO., ST. LOUIS, MO. CENTRAL RESEARCH DEPT.
DEVELOPMENT OF IMPROVED SINGLE CRYSTAL GALLIUM PHOSPHIDE SOLAR CELLS.
N66-11246 20L U 41 08 HC$ 3.00 MF$ 0.75

MONSANTO RESEARCH CORP., EVERETT, MASS.
DEVELOPMENT OF THE DRY TAPE BATTERY CONCEPT.
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25

MONSANTO RESEARCH CORP., EVERETT, MASS. BOSTON LAB.
EFFECTS OF SELECTED STRAINS OF MICROORGANISMS ON THE COMPOSITION OF FUELS AND LUBRICANTS.
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00

60-WATT HYDRAZINE-AIR FUEL CELL SYSTEM.
AD-629 220 10B T 66 08 HC$ 5.60 MF$ 0.50

MOORE SCHOOL OF ELECTRICAL ENGINEERING, UNIV. OF PENNSYLVANIA, PHILADELPHIA.
A PROBLEM SOLVING FACILITY.
AD-467 356 9B U 41 08 HC$ 7.60 MF$ 0.75

A STORAGE AND RETRIEVAL SYSTEM FOR REALTIME PROBLEM SOLVING,
AD-467 454 9B U 41 08 HC$ 3.00 MF$ 0.50

MORLEY CHEMICAL LAB., WESTERN RESERVE UNIV., CLEVELAND, OHIO.
NITROBENZENESULFONYL PEROXIDES AS REAGENTS FOR AROMATIC SUBSTITUTION,
AD-629 477 7C T 66 08

MOTOROLA, INC., CHICAGO, ILL. COMMUNICATIONS DIV.
DATA TRANSMISSION INVESTIGATION (SHORT RANGE HF RADIO DATA TRANSMISSION).
AD-628 988 17B T 66 08 HC$ 5.00 MF$ 1.00

MOTOROLA, INC., PHOENIX, ARIZ. SEMICONDUCTOR PRODUCTS DIV.
HIGH POWER VARACTOR FOR UHF TRANSMISSION.
AD-628 131 9A T 66 07 HC$ 3.00 MF$ 0.75

PRODUCTION ENGINEERING MEASURE FOR SILICON OVEPLAY TRANSISTORS.
AD-628 230 9A T 66 07 HC$ 2.00 MF$ 0.50

PRODUCTION ENGINEERING MEASURE FOR SILICON LINEAR INTEGRATED CIRCUITS.
AD-628 990 9A T 66 08 HC$ 1.00 MF$ 0.50

MOTOROLO, INC., PHOENIX, ARIZ. SEMICONDUCTOR PRODUCTS DIV.
ACTIVE ACOUSTIC DEVICES.
AD-628 450 9A T 66 07 HC$ 3.00 MF$ 0.75

MOUND LAB., MIAMISBURG, OHIO.
MOUND LABORATORY PROGRESS REPORT FOR MAY 1965,
MLM-1266 7E U 41 07 HC$ 2.00 MF$ 0.50

REACTOR FUELS AND MATERIALS DEVELOPMENT PLUTONIUM RESEARCH APRIL-JUNE 1965,
MLM-1283 18J U 41 07 HC$ 4.00 MF$ 0.50

A GENERAL METHOD OF DETERMINING THE TOTAL TIME INTEGRAL OF TRANSIENTS IN LINEAR SYSTEMS,
MLM-1288 20C U 41 08 HC$ 1.00 MF$ 0.50

MSA RESEARCH CORP., CALLERY, PA.
STRAIN-ENHANCED DIFFUSION OF CARBON IN STAINLESS STEEL.

NSAR-65-89 11F U 41 07 HC$ 1.00 MF$ 0.50

NARMCO RESEARCH AND DEVELOPMENT DIV., WHITTAKER CORP., SAN DIEGO, CALIF.
THE EFFECTS OF MOISTURE ON THE STRENGTH OF GLASS FIBERS: A LITERATURE REVIEW,
AD-629 370 11E T 66 08 HC$ 3.00 MF$ 0.50

NATHAN (ROBERT R.), ASSOCIATES, INC., WASHINGTON, D. C.
THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME I.
PB-169 315 5C U 41 07 HC$ 8.00 MF$ 2.25

THE POTENTIAL MARKET FOR FAR WESTERN COAL AND LIGNITE. VOLUME II. APPENDICES.
PB-169 316 5C U 41 07 HC$ 7.00 MF$ 1.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CLEVELAND, OHIO. LEWIS RESEARCH CENTER.
DESIGN OF REAL TIME COMPUTERS UTILIZING COUNTING TECHNIQUES,
N65-35834 9B U 41 07 HC$ 3.00 MF$ 0.50

ELASTIC AND INELASTIC SCATTERING OF 40-MEV ALPHA PARTICLES FROM EVEN TIN ISOTOPES,
N65-35839 20H U 41 07 HC$ 2.00 MF$ 0.50

EXPERIMENTAL PROFILES OF VELOCITY COMPONENTS AND RADIAL PRESSURE DISTRIBUTIONS IN A VORTEX CONTAINED IN A SHORT CYLINDRICAL CHAMBER,
N65-35840 1A U 41 07 HC$ 2.00 MF$ 0.50

SATISFACTION OF ASYMPTOTIC BOUNDARY CONDITIONS IN NUMERICAL SOLUTION OF SYSTEMS OF NONLINEAR EQUATIONS OF BOUNDARY-LAYER TYPE,
N65-35951 12A U 41 07 HC$ 2.00 MF$ 0.50

ELEVATED-TEMPERATURE TENSILE PROPERTIES OF ALLOYED TUNGSTEN FIBER COMPOSITES,
N65-35957 11D U 41 07 HC$ 2.00 MF$ 0.50

PREPARATION OF LOW-CARBON-CONTENT IRON FOR USES AN ACCELERATOR FOR CARBON DETERMINATIONS,
N65-35964 11F U 41 07 HC$ 1.00 MF$ 0.50

THRUST COEFFICIENTS OF LOW-THRUST NOZZLES,
N65-36896 21H U 41 07 HC$ 2.00 MF$ 0.50

A SINGLE-COLLISION MODEL FOR ELECTRON-BEAM CURRENTS BETWEEN PLANE ELECTRODES.
N66-10326 20I U 41 07 HC$ 1.00 MF$ 0.50

EXPERIMENTAL STUDY OF END EFFECT AND PRESSURE PATTERNS IN HELICAL GROOVE FLUID FILM SEAL (VISCOSEAL).
N66-10333 11A U 41 07 HC$ 1.00 MF$ 0.50

EVALUATION OF A VOLUME-RATIO CALIBRATION SYSTEM FOR VACUUM GAGES FROM 0.000001 TO 0.001 TORR.
N66-10336 14B U 41 07 HC$ 1.00 MF$ 0.50

HYSTERESIS AND EDDY-CURRENT LOSSES OF A TRANSFORMER LAMINATION VIEWED AS AN APPLICATION OF THE POYNTING THEOREM.
N66-10338 11G U 41 07 HC$ 1.00 MF$ 0.50

SPECTRAL EMITTANCE OF ALUMINUM OXIDE AND ZINC OXIDE ON OPAQUE SUBSTRATES.
N66-10339 11C U 41 07 HC$ 1.00 MF$ 0.50

COMPARISON OF DIRECT AND INDIRECT ASCENT MODES FOR THE 1969 MARS OPPORTUNITY WITH AN ATLAS-CENTAUR LAUNCH VEHICLE.
N66-10607 22C U 41 07 HC$ 1.00 MF$ 0.50

OPTIMUM TARGET ORIENTATION IN NUCLEAR REACTION EXPERIMENTS.
N66-10667 20H U 41 07 HC$ 2.00 MF$ 0.50

LOCAL TURBULENT HEAT TRANSFER FOR WATER IN ENTRANCE REGIONS OF TUBES WITH VARIOUS UNHEATED STARTING LENGTHS.
N66-10714 20D U 41 07 HC$ 1.00 MF$ 0.50

WHEEL-FLOW GASEOUS-CORE REACTOR CONCEPT.
N66-10747 21F U 41 07 HC$ 1.00 MF$ 0.50

ANALYSIS OF LOW-TEMPERATURE DIRECT-CONDENSING VAPOR-CHAMBER FIN AND CONDUCTING FIN RADIATORS.
N66-10748 22B U 41 07 HC$ 3.00 MF$ 0.50

NUCLEAR ROCKET SIMULATOR TESTS, FLOW INITIATION WITH NO TURBINE GAS TANK PRESSURE, 35 PSIA RUN 1,
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50

NUCLEAR ROCKET SIMULATOR TESTS FLOW INITIATION WITH TURBINE ACCELERATED TANK PRESSURE 50 PSIA, RUN 11,
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75

EVALUATION OF ONE TYPE OF FOLDABLE TUBE.
N66-12137 22B U 41 07 HC$ 1.00 MF$ 0.50

TORQUE REQUIREMENTS FOR ORIENTATION OF A SOLAR BRAYTON SYSTEM IN EARTH ORBIT.
N66-12157 22C U 41 07 HC$ 2.00 MF$ 0.50

COMBINED HIGH-LOW THRUST PROPULSION FOR THE CLOSE SOLAR PROBE MISSION.
N66-12158 22B U 41 07 HC$ 2.00 MF$ 0.50

SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM,
N66-12252 7D U 41 07 HC$ 2.00 MF$ 0.50

BEARING LIFE AND FAILURE DISTRIBUTION AS AFFECTED BY ACTUAL COMPONENT DIFFERENTIAL HARDNESS.
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50

DEPENDENCE OF ADSORPTION PROPERTIES ON SURFACE STRUCTURE FOR BODY-CENTERED-CUBIC SUBSTRATES.
N66-12528 7D U 41 07 HC$ 1.00 MF$ 0.50

ROLE OF CONDUCTIVITY IN HYDROMAGNETIC STABILITY OF PARALLEL FLOWS,
N66-12529 20I U 41 07 HC$ 1.00 MF$ 0.50

NONADIABATIC PARTICLE LOSSES IN AXISYMMETRIC AND MULTIPOLAR MAGNETIC FIELDS.
N66-13022 20H U 41 07 HC$ 3.00 MF$ 0.75

MAGNETIC FIELDS DUE TO SOLID AND HOLLOW CONICAL CONDUCTORS,
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00

ATOMIC BEAM DETERMINATION OF THE CESIUM-CESIUM TOTAL SCATTERING CROSS SECTION.
N66-13234 20G U 41 07 HC$ 2.00 MF$ 0.50

INVESTIGATION OF CHARACTERISTICS OF PRESSURE WAVES GENERATED IN WATER FILLED TANKS IMPACTED BY HIGH-VELOCITY PROJECTILES.
N66-13291 20K U 41 07 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GREENBELT, MD. GODDARD SPACE FLIGHT CENTER.
AN ANALYSIS OF SIMULTANEOUS BEAM FORMATION BY MEANS OF PASSIVE SCATTERING MATRICES AND UNIFORM PLANAR ANTENNA ARRAYS,
N65-17259 9E U 41 07 HC$ 3.00 MF$ 0.75

ABSORPTION TABLES FOR ELECTRON PROBE MICROANALYSIS,
N65-35830 20F U 41 07 HC$ 6.00 MF$ 1.50

A MASS SPECTROMETRIC ANALYSIS OF DC 704 DIFFUSION-PUMP OIL FRAGMENTATION,
N65-35833 7D U 41 07 HC$ 1.00 MF$ 0.50

MEMBRANE ANALYSIS OF PRESSURIZED THIN SPHEROID SHELLS COMPOSED OF FLAT GORES, AND ITS APPLICATION TO ECHO II.
N65-35950 20K U 41 07 HC$ 1.00 MF$ 0.50

EQUATION OF STATE OF MATTER AT SUPERNUCLEAR DENSITY,
N65-35954 20H U 41 07 HC$ 1.00 MF$ 0.50

PARTIAL WAVE CALCULATION OF THE DIATOMIC MOLECULE (HEH)++,
N65-35955 7D U 41 07 HC$ 1.00 MF$ 0.50

SELECTIVE ELECTROPLATING OF ETCHED CIRCUITS.
N66-10318 9A U 41 07 HC$ 1.00 MF$ 0.50

SHORT-TERM FREQUENCY STABILITY.
N66-10381 - N66-10407 17I U 41 07 HC$ 1.75 MF$ 1.50

NEUTRAL HYDROGEN IN THE EARTH'S ATMOSPHERE ABOVE 120 KM,
N66-10430 4A U 41 08 HC$ 2.00 MF$ 0.50

MAGNETOSPHERIC PHENOMENA,
N66-10672 20H U 41 08 HC$ 1.00 MF$ 0.50

THEORY OF LOW-ENERGY POSITRON-HELIUM SCATTERING,
N66-10674 20H U 41 08 HC$ 1.00 MF$ 0.50

A COMPARISON OF TWO EMITTANCE MEASUREMENT TECHNIQUES,
N66-10687 20H U 41 08 HC$ 1.00 MF$ 0.50

NIMBUS HRIR EQUIPMENT DIAGNOSTIC TEST PROGRAM,
N66-10688 9B U 41 08 HC$ 2.00 MF$ 0.50

METEOR WINDS MEASURED AT ADELAIDE 35 DEGS 1961,
N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00

APOLLO ENTRY RADAR ACQUISTION STUDY,
N66-11199 17I U 41 08 HC$ 2.00 MF$ 0.50

SOME FABRICATION TECHNIQUES OF SPECTRAL LAMPS AND GAS ABSORPTION CELLS FOR RUBIDIUM MAGNETOMETERS,
N66-11200 14B U 41 08 HC$ 1.00 MF$ 0.50

EFFECTS OF GAMMA RADIATION ON SCR'S USED IN SWITCHING MODE AND IN APPLICATION TO ATTITUDE CONTROL MOTOR DRIVE BRIDGE,
N66-11201 9A U 41 08 HC$ 1.00 MF$ 0.50

DYNAMIC SOLAR CELL POWER SYSTEM SIMULATOR,
N66-11204 14B U 41 08 HC$ 1.00 MF$ 0.50

SOLID STATE AMPERE HOUR INTEGRATOR,
N66-11205 14B U 41 08 HC$ 1.00 MF$ 0.50

AURORAL ELECTROJET ACTIVITY INDEX AE AND ITS UNIVERSAL TIME VARIATIONS,
N66-11206 4A U 41 08 HC$ 3.00 MF$ 0.50

THE RESPONSE OF MAGNETIC INSTRUMENTS TO EARTHQUAKE WAVES,
N66-11207 8K U 41 08 HC$ 3.00 MF$ 0.75

THE BATTERY CHARGER FOR THE ATMOSPHERE EXPLORER B SPACECRAFT,
N66-11208 10B U 41 08 HC$ 2.00 MF$ 0.50

OPTIMUM QUANTIZATIONS,
N66-11209 9F U 41 08 HC$ 2.00 MF$ 0.50

ON THE DETERMINATION OF SOLAR EUV EMISSION ALTITUDES USING THE EARTH AS AN OCCULTING DISK,
N66-11210 20H U 41 08 HC$ 1.00 MF$ 0.50

LUNAR SCIENTIFIC OPERATIONS,
N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50

SQUARE-TO-SINE WAVE FILTER,
N66-11212 9F U 41 08 HC$ 1.00 MF$ 0.50

A QUASI-STATIONARY CO-ROTATING STRUCTURE IN THE INTERPLANETARY MEDIUM.
N66-11213 3A U 41 08 HC$ 2.00 MF$ 0.50

THE LOWER IONOSPHERE AT SOLAR MINIMUM.
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50

MICROBIAL PROFILE OF LAMINAR FLOW CLEAN ROOMS.
N66-11215 14B U 41 08 HC$ 2.00 MF$ 0.50

ON INTEGRATION OF HAMILTON- JACOBI PARTIAL DIFFERENTIAL EQUATION.
N66-11216 12A U 41 08 HC$ 1.00 MF$ 0.50

DESIGN OF A MEDIUM POWER DC TO 115 VOLT, 60 HERTZ AC INVERTER.
N66-11217 10A U 41 08 HC$ 1.00 MF$ 0.50

SEPARATOR MATERIALS FOR SILVER OXIDE ZINC AND SILVER OXIDE CADMIUM ELECTROCHEMICAL CELLS.
N66-11220 10C U 41 08 HC$ 2.00 MF$ 0.50

A SHORTENED HORN-REFLECTOR ANTENNA.
N66-11221 9F U 41 08 HC$ 1.00 MF$ 0.50

A SYSTEM FOR AUTOMATIC ACCUMULATION OF RADIATION DATA.
N66-11223 14C U 41 08 HC$ 1.00 MF$ 0.50

HYDROGEN AND HELIUM IONS.
N66-11224 20H U 41 08 HC$ 2.00 MF$ 0.50

DAMPING OF INTERSTELLAR PLASMA WAVES BY THE COSMIC RAY GAS.
N66-11225 20H U 41 08 HC$ 1.00 MF$ 0.50

ULTRAVIOLET DEGRADATION STUDY.
N66-11226 20H U 41 08 HC$ 1.00 MF$ 0.50

INVESTIGATION OF RESINOUS MATERIALS FOR USE AS SOLAR CELL COVER GLASS ADHESIVE.
N66-11228 11A U 41 08 HC$ 1.00 MF$ 0.50

SOLAR CELL CALIBRATION TECHNIQUES.
N66-11229 10A U 41 08 HC$ 1.00 MF$ 0.50

RELATIVISTIC CHARGED FLUID FLOW. I. ENTROPY FORCE TENSOR.
N66-11231 20H U 41 08 HC$ 2.00 MF$ 0.50

EFFECTS OF A SIMULATED HIGH ENERGY ELECTRON SPACE ENVIRONMENT ON THE ULTRA- VIOLET TRANSMITTANCE OF OPTICAL MATERIALS BETWEEN 1050 AND 3000 A.
N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50

HANDLING, CLEANING, DECONTAMINATION AND ENCAPSULATION OF MOSFETS CIRCUITRY.
N66-11233 13H U 41 08 HC$ 2.00 MF$ 0.50

LOW POWER NANOSECOND PULSE AND LOGIC CIRCUITS USING TUNNEL DIODES.
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50

ANALYSIS OF US - USSR COMMUNICATIONS EXPERIMENTS CONDUCTED BETWEEN JODRELL BANK OBSERVATORY, UK, AND ZIMENKI OBSERVATORY, USSR, VIA THE ECHO II SATELLITE.
N66-11235 17B U 41 08 HC$ 5.00 MF$ 1.25

VOLUME AND SURFACE INSTABILITY IN SLIDING PLASMAS.
N66-13016 20I U 41 07 HC$ 1.00 MF$ 0.50

AN INVESTIGATION OF THE INTENSITIES AND CHARGE COMPOSITION OF LOW ENERGY ELECTRONS AT BALLOON ALTITUDES.
N66-13226 20H U 41 07 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HOUSTON, TEX. MANNED SPACECRAFT CENTER.
PROCEEDINGS OF NASA INDUSTRY PERT COMPUTER CONFERENCE.
N66-10561 9B U 41 08 HC$ 5.00 MF$ 1.00

SEPARATION TRAJECTORY CHARACTERISTICS RESULTING FROM SEPARATING TWO VEHICLES IN NEAR-EARTH ORBITS.
N66-12251 22C U 41 07 HC$ 2.00 MF$ 0.50

AN ANALYSIS OF CHARRING ABLATION THERMAL PROTECTION SYSTEM.
N66-13230 22B U 41 07 HC$ 4.00 MF$ 0.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HUNTSVILLE, ALA. MARSHALL SPACE FLIGHT CENTER.
ASTRIONICS RESEARCH AND DEVELOPMENT.
N65-23781 22C U 41 07 HC$ 4.00 MF$ 0.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HUNTSVILLE, ALA. GEORGE C. MARSHALL SPACE FLIGHT CENTER.
AUXILIARY ESTIMATING FUNCTIONS FOR DOUBLY TRUNCATED NORMAL SAMPLES.
N65-25347 12A U 41 07 HC$ 3.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HUNTSVILLE, ALA. MARSHALL SPACE FLIGHT CENTER.
EXPERIMENTAL X-RAY STRESS ANALYSIS FOR PRECIPITATION HARDENED ALUMINUM ALLOYS.
N66-10668 11F U 41 08 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HUNTSVILLE, ALA. GEORGE C. MARSHALL SPACE FLIGHT CENTER.
INVESTIGATION OF THE COEFFICIENT OF FRICTION OF VARIOUS GREASES AND DRY FILM LUBRICANTS AT ULTRA HIGH LOADS FOR THE SATURN HOLD DOWN ARMS.
N66-10669 11H U 41 08 HC$ 2.00 MF$ 0.50

COMPRESSION TESTS ON INTEGRALLY STIFFENED CYLINDERS.
N66-10676 20K U 41 08 HC$ 4.00 MF$ 0.75

CALCULATION OF ROCKET PERFORMANCE PARAMETERS BASED ON THE EQUILIBRIUM COMPOSITION OF THE COMBUSTION PRODUCTS.
N66-10689 21H U 41 08 HC$ 5.00 MF$ 1.00

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HUNTSVILLE, ALA. GEORGE C. MARHSALL SPACE FLIGHT CENTER.
MONTE CARLO APPROACH TO TOUCHDOWN DYNAMICS FOR SOFT LUNAR LANDING.
N66-10749 22A U 41 07 HC$ 3.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, HUNTSVILLE, ALA. GEORGE C. MARSHALL SPACE FLIGHT CENTER.
HOPI-DART AND CAJUN-DART ROCKET WIND MEASURING SYSTEMS.
N66-11197 4A U 41 08 HC$ 1.00 MF$ 0.50

PHYSICS OF THE MOON. SELECTED TOPICS CONCERNING LUNAR EXPLORATION.
N66-11251 3B U 41 07 HC$ 6.00 MF$ 1.50

PERFORMANCE ANALYSIS OF CHEMICAL STAGES IN THE 300 TO 400 SECOND SPECIFIC IMPULSE RANGE FOR INTERPLANETARY MISSIONS.
N66-12150 22C U 41 07 HC$ 3.00 MF$ 0.75

THE ELECTROMAGNETIC HAMMER.
N66-12344 13H U 41 07 HC$ 0.50 MF$ 0.25

PRESSURE FLUCTUATIONS IN TURBULENT BOUNDARY LAYERS.
N66-13232 20D U 41 07 HC$ 2.00 MF$ 0.50

LIQUID CAVITATION STUDIES IN CIRCULAR PIPE BENDS.
N66-13237 20D U 41 07 HC$ 1.00 MF$ 0.50

PEGASUS SATELLITE MEASUREMENTS OF METEOROID PENETRATION (FEB. 16 - JULY 20, 1965).
N66-13238 22B U 41 07 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, LANGELY STATION, VA. LANGLEY RESEARCH CENTER.
A THEORETICAL AND EXPERIMENTAL STUDY OF THE NONLINEAR FLEXURAL VIBRATIONS OF THIN CIRCULAR RINGS.
N66-13024 20K U 41 07 HC$ 3.00 MF$ 0.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, LANGLEY STATION, VA. LANGLEY RESEARCH CENTER.
FLIGHT-TEST TEMPERATURE DATA FOR AN ALTAIR-IIC1 ROCKET MOTOR.
N65-30954 21H U 41 07 HC$ 2.00 MF$ 0.50

AN APPROXIMATE SOLUTION FOR LUMINOSITY DISTANCE IN ZERO-PRESSURE RELATIVISTIC MODEL UNIVERSES THAT HAVE THE U-PROPERTY.
N65-35836 3A U 41 07 HC$ 1.00 MF$ 0.50

A STUDY OF THE DYNAMICS OF AIRPLANE BRAKING SYSTEMS AS AFFECTED BY TIRE ELASTICITY AND BRAKE RESPONSE.
N65-35952 1C U 41 07 HC$ 3.00 MF$ 0.50

SUPERSONIC FLUTTER OF A THERMALLY STRESSED FLAT PANEL WITH UNIFORM EDGE LOADS.
N65-35958 1A U 41 07 HC$ 1.00 MF$ 0.50

DAMPING CHARACTERISTICS OF BUILT-UP CANTILEVER BEAMS IN A VACUUM ENVIRONMENT.
N65-36774 20K U 41 07 HC$ 2.00 MF$ 0.50

INFLUENCE OF THE BUMPER AND MAIN WALL MATERIAL ON THE EFFECTIVENESS OF SINGLE METEOROID BUMPERS.
N66-10604 22B U 41 07 HC$ 2.00 MF$ 0.50

EXPERIMENTAL NOISE STUDIES OF INLET-GUIDE-VANE-ROTOR-STATOR INTERACTIONS FOR A SINGLE-STAGE AXIAL-FLOW COMPRESSOR.
N66-10651 20A U 41 08 HC$ 1.00 MF$ 0.50

SENSITIVITY OF SHORT-PERIOD TRACKING DATA FROM A LUNAR SATELLITE TO THE LUNAR GRAVITATIONAL FIELD HARMONICS.
N66-11253 22A U 41 07 HC$ 3.00 MF$ 0.50

LOW-SPEED FORCE AND FLIGHT INVESTIGATION OF VARIOUS METHODS FOR CONTROLLING PARAWINGS.
N66-12151 1C U 41 07 HC$ 2.00 MF$ 0.50

EFFECTS OF WING PLANFORM ON THE AERODYNAMIC CHARACTERISTICS OF A WING-BODY -TAIL MODEL AT MACH NUMBERS FROM 1.70 TO 4.63.
N66-12153 1C U 41 07 HC$ 3.00 MF$ 0.75

A STUDY OF GEMINI-AGENA DOCKING USING A FIXED-BASE SIMULATOR EMPLOYING A CLOSED-CIRCUIT TELEVISION SYSTEM.
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50

AN EXPLORATORY STUDY OF A NEW CLASS OF STEPLADDER AND LADDER POLYMERS, POLYIMIDAZOPYRROLONES.
N66-12530 7C U 41 07 HC$ 1.00 MF$ 0.50

LOCAL PLASTIC STRESSES IN SHEET ALUMINUM-ALLOY SPECIMENS WITH STRESS-CONCENTRATION FACTOR OF 2 UNDER CONSTANT-AMPLITUDE LOADING.
N66-12531 1C U 41 07 HC$ 1.00 MF$ 0.50

TEST OF A TRUSS-CORE SANDWICH CYLINDER LOADED TO FAILURE IN BENDING.
N66-13021 20K U 41 07 HC$ 2.00 MF$ 0.50

OPERATING PARAMETERS OF THE OMEGATRON MASS SPECTROMETER IN ULTRAHIGH VACUUM.
N66-13227 7D U 41 07 HC$ 2.00 MF$ 0.50

FATIGUE-CRACK PROPAGATION AND RESIDUAL STATIC STRENGTH OF PH 15-7 MO (TH 1050) STAINLESS STEEL.
N66-13231 11F U 41 07 HC$ 2.00 MF$ 0.50

AN APPROXIMATE METHOD FOR SOLVING THE SINGLE-DEGREE-OF-FREEDOM ROLL EQUATION WITH TIME-DEPENDENT COEFFICIENTS.
N66-13233 19D U 41 07 HC$ 1.00 MF$ 0.50

RESPONSE OF A TURBOJET AND A PISTON-ENGINE TRANSPORT AIRPLANE TO RUNWAY ROUGHNESS.
N66-13235 1E U 41 07 HC$ 2.00 MF$ 0.50

DRAG CHARACTERISTICS OF A SERIES OF LOW-DRAG BODIES OF REVOLUTION AT MACH NUMBERS FROM 0.6 TO 4.0.
N66-13236 20D U 41 07 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, LEWIS RESEARCH CENTER, CLEVELAND, OHIO.
HALL COEFFICIENT OF TANTALUM CARBIDE AS FUNCTION OF CARBON CONTENT,
N66-12145 20L U 41 08 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MOFFETT FIELD, CALIF. AMES RESEARCH CENTER.
ANALYSIS OF THE EXTRATERRESTRIAL LIFE DETECTION PROBLEM,
N65-34227 6C U 41 07 HC$ 2.00 MF$ 0.50

CHARTS OF ISENTROPIC EXPONENT AS A FUNCTION OF ENTHALPY FOR VARIOUS GASES IN EQUILIBRIUM,
N65-34243 20M U 41 07 HC$ 1.00 MF$ 0.50

EQUILIBRIUM THERMODYNAMIC PROPERTIES OF THREE ENGINEERING MODELS OF THE MARTIAN ATMOSPHERE,
N65-35792 3B U 41 07 HC$ 2.50 MF$ 1.00

A NOTE ON WIRE IGNITION IN COMBUSTION-HEATED DRIVERS FOR SHOCK-TUNNEL APPLICATION,
N65-35956 14B U 41 07 HC$ 1.00 MF$ 0.50

OBSERVATIONS OF SOLAR RADIO BURSTS AT 26.3 MC/S,
N66-11222 20H U 41 08 HC$ 2.00 MF$ 0.50

FLIGHT INVESTIGATION OF THE AERODYNAMIC PROPERTIES OF AN OGEE WING.
N66-13017 1C U 41 07 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MOFFETT FIELD, CALIF. MISSION ANALYSIS DIV.
A FEASIBILITY STUDY OF A COMMUNICATIONS SATELLITE FOR DEEP-SPACE MONITORING.
N66-13020 22B U 41 07 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, MOFFETT FIELD, CALIF. AMES RESEARCH CENTER.
A GUIDANCE SCHEME FOR LUNAR DESCENT BASED ON LINEAR PERTURBATION THEORY.
N66-13229 22C U 41 07 HC$ 2.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C. SCIENTIFIC AND TECHNICAL INFORMATION DIV.
CONFERENCE ON NUTRITION IN SPACE AND RELATED WASTE PROBLEMS,
N65-18566 6K U 41 07 MF$ 2.00

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C.
HANDLING HAZARDOUS MATERIALS.
N65-35394 21D U 41 07 MF$ 0.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C. SCIENTIFIC AND TECHNICAL INFORMATION DIV.
AEROSPACE MEDICINE AND BIOLOGY; A CONTINUING BIBLIOGRAPHY WITH INDEXES.
N66-10316 6S U 41 07 HC$ 1.00 MF$ 1.00

DICTIONARY OF TECHNICAL TERMS FOR AEROSPACE.
N66-10413 1B U 41 07 HC$ 3.00 MF$ 1.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C.
SPACE AND THE INTERNATIONAL COOPERATION YEAR - A NATIONAL CHALLENGE,
N66-10750 22A U 41 08 MF$ 0.50

THE NATION'S MANNED SPACE FLIGHTS,
N66-10880 22A U 41 08 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C. SCIENTIFIC AND TECHNICAL INFORMATION DIV.
NASA UNIVERSITY PROGRAM REVIEW CONFERENCE, KANSAS CITY, MISSOURI, MARCH 1-3, 1965.
N66-12401-12428 22A U 41 07 HC$ 1.50 MF$ 2.00

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. AMES RESEARCH CENTER, MOFFETT FIELD, CALIF.
PERFORMANCE CHARACTERISTICS OF A 4-FOOT-DIAMETER DUCTED FAN AT ZERO ANGLE OF ATTACK FOR SEVERAL FAN BLADE ANGLES,
N66-12140 1A U 41 08 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. GEORGE C. MARSHALL SPACE FLIGHT CENTER, HUNTSVILLE, ALA.
AERODYNAMIC CHARACTERISTICS OF SPHERICALLY BLUNTED CONES AT MACH NUMBERS FROM 0.5 TO 5.0,
N66-12138 1A U 41 08 HC$ 3.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. GODDARD SPACE FLIGHT CENTER, GREENBELT, MD.
RELAY I PROGRAM.
N66-10226 22B U 41 08 HC$ 4.25 MF$ 3.50

OBSERVATIONS FROM THE NIMBUS I METEROLOGICAL SATELLITE.
N66-12130 4B U 41 08 HC$ 1.00 MF$ 0.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, GREENBELT, MD. GODDARD SPACE FLIGHT CENTER.
THE METEOROLOGICAL INSTRUMENTATION OF SATELLITES,
N66-11227 22B U 41 08 HC$ 3.00 MF$ 0.75

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, LEWIS RESEARCH CENTER, CLEVELAND, OHIO.
ATTENUATION OF SINUSOIDAL PERTURBATIONS SUPERIMPOSED ON LAMINAR FLOW OF A LIQUID IN A LONG LINE,
N66-10335 20D U 41 08 HC$ 1.00 MF$ 0.50

ANALYSIS OF THE EFFECT OF A SEEDED PROPELLANT LAYER ON THERMAL RADIATION IN THE NOZZLE OF A GASEOUS-CORE NUCLEAR PROPULSION SYSTEM,
N66-12139 21F U 41 08 HC$ 1.00 MF$ 0.50

CRITICAL HEAT FLUX FOR SATURATED POOL BOILING FROM HORIZONTAL AND VERTICAL WIRES IN REDUCED GRAVITY,
N66-12141 20M U 41 08 HC$ 1.00 MF$ 0.50

ROLLING-CONTACT LUBRICATION STUDIES WITH POLYPHENYL ETHERS AT REDUCED PRESSURE,
N66-12142 11H U 41 08 HC$ 1.00 MF$ 0.50

DATA COMPARISONS AND PHOTOGRAPHIC OBSERVATIONS OF COAXIAL MIXING OF DISSIMILAR GASES AT NEARLY EQUAL STREAM VELOCITIES,
N66-12143 20D U 41 08 HC$ 1.00 MF$ 0.50

CROSS SECTION FOR IMPACT IONIZATION OF ATOMS BY H/IS/ ATOMS NEAR THRESHOLD,
N66-12144 20H U 41 08 HC$ 1.00 MF$ 0.50

INVESTIGATION OF THE STARTING CHARACTERISTIC OF THE H-1 ROCKET ENGINE USING THE ANALOG COMPUTER,
N66-12146 21H U 41 08 HC$ 2.00 MF$ 0.50

STATISTICAL DISTRIBUTION OF THE BREAKING STRENGTH OF A BUNDLE OF CLASSICAL FIBERS,
N66-12147 20K U 41 08 HC$ 1.00 MF$ 0.50

STRESS-INTENSITY FACTORS FOR THREE-POINT BEND SPECIMENS BY BOUNDARY COLLOCATION,
N66-12526 20K U 41 08 HC$ 1.00 MF$ 0.50

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D. C.
AEROSPACE MEDICINE AND BIOLOGY A CONTINUING BIBLIOGRAPHY WITH INDEXES, OCT. 1965.
N66-12345 6S U 41 08 HC$ 1.00 MF$ 1.00

NATIONAL AVIATION FACILITIES EXPERIMENTAL CENTER, ATLANTIC CITY, N. J.
EVALUATION OF UHF ANTENNA COUPLERS TYPES CU-691/U AND CU-692/U.
PB-169 249 9A U 41 07 HC$ 2.00 MF$ 0.50

NATIONAL BUREAU OF STANDARDS, BOULDER, COLO.
TECHNIQUES FOR DETECTION OF HIGH-ALTITUDE NUCLEAR EXPLOSIONS.
AD-629 365 18C T 66 08

MICROWAVE IMPEDANCE MEASUREMENTS AND STANDARDS,
C13.44-82 9C U 41 08 MF$ 0.50

CRYOGENIC RESEARCH AND DEVELOPMENT TENTH PROGRESS REPORT, PERIOD ENDING JUN. 30, 1963.
N66-10772 20M U 41 08 HC$ 2.00 MF$ 0.50

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C.
PROCEDURES FOR PRECISE DETERMINATION OF THERMAL RADIATION PROPERTIES, NOVEMBER 1963 TO OCTOBER 1964.
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75

ERROR BOUNDS FOR ASYMPTOTIC SOLUTIONS OF SECOND-ORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF ARBITRARY RANK.
AD-628 663 12A T 66 07

ON THE ASYMPTOTIC SOLUTIONS OF SECONDORDER DIFFERENTIAL EQUATIONS HAVING AN IRREGULAR SINGULARITY OF RANK ONE, WITH AN APPLICATION TO WHITTAKER FUNCTIONS.
AD-628 665 12A T 66 07

SYSTEMS ENGINEERING IN CERAMICS.
AD-629 307 11B T 66 08 MF$ 1.00

RELATIVE TRANSITION PROBABILITIES FOR PROMINENT NI I AND NI II LINES IN THE NEARULTRAVIOLET,
AD-629 324 7D T 66 08

GUIDE TO INSTRUMENTATION LITERATURE,
C13.10-271 14B U 41 08 MF$ 1.25

ACCURATE REFLECTANCE MEASUREMENTS. ELLIPSOIDAL MIRROR REFLECTOMETER.
N66-10936 14B U 41 08 HC$ 1.00 MF$ 0.50

IONOSPHERIC SOUNDINGS FROM MOBILE LAUNCH PLATFORM.
N66-12172 4A U 41 08 HC$ 1.00 MF$ 0.50

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. ANALYTICAL CHEMISTRY DIV.
QUANTITATIVE SEPARATIONS: TITRIMETRY, GRAVIMETRY, FLAME PHOTOMETRY, SPECTROPHOTOMETRY, GAS EVOLUTION AND ISOTOPIC PREPARATIONS, JAN 1964 TO JUNE 1965.
C13.46-275 7D U 41 07 MF$ 0.75

NATIONAL BUREAU OF STANDARDS, WASHINGTON, D. C. INST. FOR MATERIALS RESEARCH.
STANDARD REFERENCE MATERIALS: METHODS FOR THE CHEMICAL ANALYSIS OF NBS COPPER-BASE SPECTROCHEMICAL STANDARDS,
C13.10-260-7 11F U 41 07 MF$ 0.75

RADIOCHEMICAL ANALYSIS: ACTIVATION ANALYSIS, INSTRUMENTATION, RADIATION TECHNIQUES, AND RADIOISOTOPE TECHNIQUES JULY 1964 TO JUNE 1965.
C13,46-276 7E U 41 07 MF$ 1.00

NATIONAL CASH REGISTER CO., HAWTHORNE, CALIF., ELECTRONICS DIV.
DATA DISPLAY STUDY.
AD-457 165 9B U 41 07 HC$ 2.00

NATIONAL ENGINEERING SCIENCE CO., HOUSTON, TEX.
ATMOSPHERIC WATER BUDGET OVER TROPICAL AREAS.
AD-629 163 4B T 66 08 HC$ 4.60 MF$ 0.50

NATIONAL HURRICANE RESEARCH LAB., WASHINGTON, D. C.
A SIMPLE MODEL OF THE HURRICANE INFLOW LAYER.
PB-169 210 4B U 41 07 HC$ 1.00 MF$ 0.50

A SUMMARY OF EMPIRICAL STUDIES OF THE HORIZONTAL MOTION OF SMALL RADAR PRECIPITATION ECHOES IN HURRICANE DONNA AND OTHER TROPICAL STORMS.
PB-169 248 9B U 41 07 HC$ 3.00 MF$ 0.75

NATIONAL JEWISH HOSPITAL, DENVER, COLO.
LACTIC ACID PHYSICAL FITNESS AND HIGH ALTITUDE.
AD-628 713 6N T 66 07 HC$ 2.00 MF$ 0.50

NATIONAL MAGNET LAB. MASS. INST. OF TECH., CAMBRIDGE.
SUPERFLUID FLOW IN A VENTURI TUBE.
AD-629 192 20D T 66 08

NATIONAL MAGNET LAB., MASS. INST. OF TECH., CAMBRIDGE.
MOSSBAUER TECHNIQUES USING HIGH-FIELD WATER-COOLED SOLENOIDS.
AD-629 191 20C T 66 08

NATIONAL MAGNET LAB., MASS. INST. OF TECH., CAMBRIDGE.
ULTRASTRONG MAGNETIC FIELDS.
AD-628 259 20C T 66 07

EFFECTIVE CONDUCTION ELECTRON LOCAL MOMENT INTERACTION IN METALS: RARE-EARTH INTERBAND MIXING.
AD-628 338 20C T 66 07

WIEDEMANN-FRANZ LAW IN THE QUANTUM LIMIT FOR ISOTROPIC SCATTERING.
AD-628 344 20C T 66 07

DIELECTRIC CONSTANT OF HE3 IN THE CRITICAL REGION.
AD-628 345 20C T 66 07

OPTICAL ZEEMAN EFFECT IN THE R1 AND R2 LINES OF MN(4+) IN A1203.
AD-628 346 20L T 66 07

BLOCH ELECTRONS IN EXTERNAL ELECTRIC AND MAGNETIC FIELDS.
AD-629 182 20C T 66 08

BOHN RECIPROCITY PRINCIPLE AND UNITARY SYMMETRY.
AD-629 183 20H T 66 08

DE HAAS-VAN ALPHEN EFFECT IN PYROLYTIC AND SINGLE-CRYSTAL GRAPHITE.
AD-629 184 20L T 66 08

EFFECTS OF HIGH MAGNETIC FIELDS ON THE ULTRASONIC VELOCITY AND ATTENUATION IN NB-25% ZR.
AD-629 185 20C T 66 08

EQUATION OF STATE OF 4HE IN THE CRITICAL REGION.
AD-629 186 20H T 66 08

FAR-INFRARED ABSORPTION IN N-TYPE SILICON DUE TO PHOTON-INDUCED HOPPING.
AD-629 187 20L T 66 08

FERRIMAGNETIC STRUCTURE OF MAGNETOELECTRIC GA2-XFEX03.
AD-629 188 20L T 66 08

FLUX CREEP AS A DOMINANT SOURCE OF DEGRADATION IN SUPERCONDUCTING SOLENOIDS.
AD-629 189 9A T 66 08

THE MINIMUM PROPAGATING CURRENT OF A COMPOSITE SUPERCONDUCTOR.
AD-629 190 20C T 66 08

SWEEP OF LOW IMPEDANCE IRON CORE MAGNETS DOWN TO ZERO FIELD.
AD-629 193 14H T 66 08

TEMPERATURE-OSCILLATION METHOD FOR OBSERVING DE-HAAS-VAN ALPHEN OSCILLATIONS AND OTHER MAGNETIC PHENOMENA.
AD-629 194 20C T 66 08

UPPER CRITICAL FIELDS OF NB-TI ALLOYS: EVIDENCE FOR THE INFLUENCE OF PAULI PARAMAGNETISM.
AD-629 195 20L T 66 08

NATIONAL PLANNING ASSOCIATION, WASHINGTON, D. C. CENTER FOR ECONOMIC PROJECTIONS.
COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH.
PB-169 397 5C U 41 08 HC$ 3.00 MF$ 0.50

NATIONAL PLANNING ASSOCIATION, WASHINGTON, D. C. CENTER FOR ECONOMICS PROJECTIONS.
COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH.
PB-169 398 5C U 41 08 HC$ 6.00 MF$ 1.50

NATIONAL PLANNING ASSOCIATION, WASHINGTON, D. C. CENTER FOR ECONOMIC PROJECTIONS.
COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX I. DESCRIPTION OF ARMS REDUCTION ASSUMPTIONS AND IMPACT OF DEFENSE DEPARTMENT EXPENDITURES ON NATIONAL AND THREE METROPOLITAN AREAS. APPENDIX II. SURVEY METHODOLOGY AND TABULATED RESULTS. APPENDIX III. TABULAR REVIEW OF SELECTED PAST COMMUNITY ECONOMIC READJUSTMENT EXPERIENCES.
PB-169 399 5C U 41 08 HC$ 4.00 MF$ 1.00

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX IV. MONOGRAPH: BALTIMORE STANDARD METROPOLITAN STATISTICAL AREA AND HARFORD COUNTY.
PB-169 400 5E U 41 08 HC$ 3.00 MF$ 0.75

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA BALTIMORE AND NEW LONDONGROTON-NORWICH. APPENDIX IV. MONOGRAPH: NEW LONDON-GROTON-NORWICH STANDARD METROPOLITAN STATISTICAL AREAS.
PB-169 401 5C U 41 08 HC$ 2.00 MF$ 0.50

COMMUNITY READJUSTMENT TO REDUCED DEFENSE SPENDING. CASE STUDIES OF POTENTIAL IMPACT ON SEATTLE-TACOMA, BALTIMORE AND NEW LONDON-GROTON-NORWICH. APPENDIX IV. MONOGRAPH: SEATTLE-TACOMA STANDARD METROPOLITAN STATISTICAL AREAS.
PB-169 402 5C U 41 08 HC$ 3.00 MF$ 0.75

NATIONAL RESEARCH CORP., CAMBRIDGE, MASS. RESEARCH DIV.
STUDY OF THE MECHANISM OF ATMOSPHERIC INTERACTION WITH THE FATIGUE OF METALS.
N66-11747 11F U 41 08 HC$ 3.00 MF$ 0.75

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF APPLIED CHEMISTRY.
THE OXIDATION OF PHENOLS. I. THE OXIDATION OF 2,6-DI-T-BUTYL-4-METHYLPHENOL, 2,6-DI-TBUTYLPHENOL, AND 2,6-DIMETHYLPHENOL WITH PEROXY RADICALS.
AD-629 746 7C T 66 08

PROTON MAGNETIC RESONANCE LINE WIDTH AS A FUNCTION OF POLYMER TACTICITY.
AD-629 747 7D T 66 08

CO-CATALYSIS IN FRIEDEL CRAFTS REACTIONS. PART IX. POLYMERISATION OF PROPENE BY BORON FLUORIDE-METHANOL.
AD-629 751 7C T 66 08

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF APPLIED CHEMISTRY.
THE EFFECT OF DIELECTRIC CONSTANT ON THE RATE OF ANIONIC POLYMERIZATION.
AD-629 742 7C T 66 08

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF RADIO AND ELECTRICAL ENGINEERING.
FREQUENCY SOURCE THAT KEEPS TIME EVEN IF MAIN POWER SOURCE FALTERS.
AD-629 743 9E T 66 08

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF PURE CHEMISTRY.
TEMPERATURE FACTORS AND THERMODYNAMIC PROPERTIES OF CRYSTALS.
AD-629 745 20B T 66 08

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF APPLIED CHEMISTRY.
REACTION OF OXYGEN ATOMS WITH ACETALDEHYDE.
AD-629 748 7C T 66 08

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF PURE PHYSICS.
STRESSES ON SECONDARY SYSTEMS DUE TO PILED-UP GROUPS OF DISLOCATIONS OF ARBITARY ORIENTATION.
AD-629 749 20B T 66 08

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF APPLIED CHEMISTRY.
CO-CATALYSIS IN FRIEDEL-CRAFTS REACTIONS. PART X. INTERACTION BETWEEN BORON TRIFLUORIDE AND ALKYL FLUORIDES.
AD-629 750 7C T 66 08

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO). DIV. OF RADIO AND ELECTRICAL ENGINEERING.
CALIBRATION FACILITY FOR RF QUANTITIES OFFERS CENTRAL TIE-IN FOR TESTING LABS.
AD-629 752 14B T 66 08

NAVAL AEROSPACE MEDICAL INST., PENSACOLA, FLA.
ARCHITECTURE OF THE OTOLITH END ORGAN: WITH SOME FUNCTIONAL CONSIDERATIONS.
AD-628 211 6P T 66 07 HC$ 1.60 MF$ 0.50

MODIFICATION OF VESTIBULAR SENSITIVITY IN THE RAT.
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. AERO-ELECTRONIC TECHNOLOGY DEPT.
AUTOMATIC SONOBUOY FUNCTION SELECTOR.
AD-629 724 17A T 66 08 HC$ 2.60 MF$ 0.50

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. AEROSPACE MEDICAL RESEARCH DEPT.
QUANTITATIVE RELATIONS AMONG MEASURES OF BEHAVIOR UNDER A

FIXED-INTERVAL SCHEDULE OF REINFORCEMENT.
AD-628 149 5J T 66 07 HC$ 1.60 MF$ 0.50

PSYCHOPHYSICAL METHODOLOGY I. COMPARISON OF THRESHOLDS OF THE METHOD OF LIMITS AND OF THE METHOD OF CONSTANT STIMULI.
AD-628 994 5J T 66 08 HC$ 1.60 MF$ 0.50

PSYCHOPHYSICAL METHODOLOGY II. COMPARISON OF MEANS AND OF STANDARD DEVIATIONS OF THE ASCENDING AND DESCENDING METHOD OF LIMITS.
AD-628 995 5J T 66 08 HC$ 1.60 MF$ 0.50

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. AERO-ELECTRONIC TECHNOLOGY DEPT.
MULTIPATH ENVIRONMENT SIMULATOR.
AD-628 871 20N T 66 07 HC$ 2.60 MF$ 0.50

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. AVIATION MEDICAL ACCELERATION LAB.
FLASHBLINDNESS: THE EFFECTS OF PREFLASH ADAPTATION AND PUPIL SIZE.
AD-629 589 6P T 66 08 HC$ 1.00 MF$ 0.50

NAVAL AIR ENGINEERING CENTER, PHILIDELPHIA, PA. AERONAUTICAL MATERIALS LAB.
EVALUATION OF METALLIC MATERIALS EXPOSED TO THE DEEP OCEAN ENVIRONMENT AT 5640 FEET FOR 123 DAYS.
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75

NAVAL AIR TEST CENTER, PATUXENT RIVER, MD. WEAPONS SYSTEMS TEST DIV.
SPECTRUM SIGNATURE OF RADIO SET AN/GRC-27A.
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75

NAVAL AIRCRAFT TORPEDO UNIT, QUONSET POINT, R. I.
TORPEDO STABILIZER MARK 31 MOD 0 DEVELOP- MENT PHASE.
AD-628 505 19H T 66 07 HC$ 2.00 MF$ 0.50

NAVAL APPLIED SCIENCE LAB., BROOKLYN, N. Y.
PHASE STABILITY OF TYPICAL NAVY RADIO FREQUENCY COAXIAL CABLES.
AD-628 682 9A T 66 07 HC$ 1.00 MF$ 0.50

PROCEEDINGS OF THE NMSE SYSTEMS PERFORMANCE EFFECTIVENESS CONFERENCE, CIVIL SERVICE COMMISSION AUDITORIUM, WASHINGTON, D. C., 27-28 APRIL 1965.
AD-629 145 15E T 66 08 HC$24.60 MF$ 1.25

NAVAL AVIONICS FACILITY, INDIANAPOLIS, IND.
CODED CIRCUIT ANALYSIS. VOL. I. INSTRUCTION MANUAL FOR DC-AC APPLICATIONS.
AD-628 110 9E T 66 07 HC$ 4.00 MF$ 0.75

THE COMPUTER ORIENTED DESIGN OF ELECTRONIC DEVICES. (CODED). PROJECT--REVISED PROGRAM FOR POWER TRANSFORMERS.
AD-628 535 9A T 66 07 HC$ 3.00 MF$ 0.75

THE PERFORMANCE OF SIO SOURCE (NAFI IF-1008) IN SINGLE-CHAMBER VACUUM SYSTEMS.
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50

FABRICATION AND EVALUATION OF VACUUM DEPOSITED CERMET (CR-SIO) RESISTORS.
AD-629 128 9A T 66 08 HC$ 3.00 MF$ 0.50

REFINEMENT OF NAFI THIN FILM PRODUCTION TECHNIQUES.
AD-629 274 9A T 66 08 HC$ 2.00 MF$ 0.50

SILICON MONOXIDE BAFFLED BOX EVAPORATION SOURCE CAPABILITY.
AD-629 706 13H T 66 08 HC$ 2.60 MF$ 0.50

NAVAL CIVIL ENGINEERING LAB., PORT HUENEME, CALIF.
EXPERIMENTAL WOOD PILING TREATMENTS FY-64.
AD-456 491 11L U 41 07 HC$ 1.00

ICE CONSTRUCTION: SURVEY OF EQUIPMENT FOR FLOODING.
AD-628 548 13B T 66 07 HC$ 2.00 MF$ 0.50

SUBMARINE ILLUMINATION AND TELEVISION IN HARBOR WATER.
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75

ECCENTRICALLY LOADED LONG PILES.
AD-628 996 13M T 66 08 HC$11.60 MF$ 0.75

COMPACTED-SNOW RUNWAYS IN ANTARCTICA, DEEP FREEZE 61-64 TRIALS.
AD-629 675 8L T 66 08 HC$ 4.60 MF$ 0.50

SCREENING OF CHEMICAL TOXICITY TO MARINE BORERS.
AD-629 707 6T T 66 08 HC$ 4.00 MF$ 0.75

NAVAL MEDICAL FIELD RESEARCH LAB., CAMP LEJEUNE, N. C.
CHANGES IN BLOOD COAGULABILITY IN DOGS FOLLOWING FLASH BURNS.
AD-628 123 6E T 66 07

EVALUATION OF CONVALESCENT BURN SERUM AS A TREATMENT FOR BURNED INBRED BEAGLE DOGS.
AD-628 124 6E T 66 07

MAST CELL DISRUPTION AND OTHER CHANGES IN THE PERICORNEAL TISSUE MORPHOLOGY AFTER INTRAPERITONEAL INJECTIONS OF A POTENT HISTAMINE LIBERATOR (COMPOUNDS 48/80).
AD-628 125 6M T 66 07

NAVAL MEDICAL RESEARCH INST., BETHESDA, MD.
DETERMINATION OF HUMAN BODY VOLUME FROM HEIGHT AND WEIGHT.
AD-628 948 6P T 66 08

INJURY MECHANISM OF INTERNAL ORGANS OF ANIMALS EXPOSED TO SINUOSIDAL VIBRATION.
AD-628 949 6S T 66 08

NAVAL MEDICAL RESEARCH INST., BETHESDA, MD. PHYSICAL BIOCHEMISTRY DIV.
CONTRIBUTION OF ARYL GROUPS TO TOXIC INTERACTIONS AT CHEMORECEPTORS: 3-TROPANOL PHENYLACETATES AND THEIR HEXAHYDRO DERIVATIVES AS TOXIC AGENTS.
AD-628 950 6T T 66 08

NAVAL MEDICAL RESEARCH UNIT NO. 2, TAIPEI (TAIWAN).
PRELIMINARY REPORT ON ABNORMAL HEMOGLOBINS IN FILIPINOS.
AD-628 152 6E T 66 07

ZOOPHILIC SCHISTOSOMIASIS ON TAIWAN: REESTABLISHMENT OF SCHISTOSOMA JAPONICUM SUBSEQUENT TO DRASTIC ALTERATION OF HABITATS BY FLOOD.
AD-628 177 6F T 66 07

ZOOPHILIC SCHISTOSOMIASIS WITH A REPORT OF A NEW LOCALITY O TAIWAN.
AD-629 099 6C T 66 08

NAVAL MEDICAL RESEARCH UNIT NO. 2, TAIPEI (TAIWAN). DEPT. OF BIOCHEMISTRY.
HEMOGLOBIN J KORAT IN THAIS.
AD-629 406 6E T 66 08

NAVAL MEDICAL RESEARCH UNIT NO. 4, GREAT LAKES, ILL.
THAYER-MARTIN SELECTIVE MEDIUM FOR THE CULTIVATION OF NEISSERIA MENINGITIDIS FROM THE NASOPHARYNX.
AD-628 126 6M T 66 07

CYTOTOXICITY OF HUMAN SERA IN TISSUE CULTURE SYSTEMS.
AD-628 176 6T T 66 07

1965 RESEARCH CLERKSHIP REPORTS.
AD-628 384 6E T 66 07 HC$ 5.60 MF$ 0.5

EPIDEMIOLOGY AND PREVENTION OF ACUTE RESPIRATORY DISEASE IN NAVAL RECRUITS.
AD-628 556 6E T 66 07

NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D. C.
METHODS OF EVALUATING ADVECTION IN THE HEAT BALANCE OF SEAS AND OCEANS.
AD-628 147 8J T 66 07 HC$ 1.60 MF$ 0.50

THE CALCULATIONS OF THE ANOMALIES OF V SUB DELTA FOR THREE-DIMENSIONAL BODIES BY A 'PALETTE' OF A TWO-DIMENSIONAL BODY.
AD-628 416 20D T 66 07 HC$ 1.00 MF$ 0.50

THE CALCULATION OF ANOMALIES VXZ OF THREE-DIMENSIONAL BODIES WITH A PALETTE OF A TWO-DIMENSIONAL BODY.
AD-628 417 20D T 66 07 HC$ 1.00 MF$ 0.5

REPORT OF THE ARCTIC ICE OBSERVING AND FORECASTING PROGRAM, 1964.
AD-628 536 8L T 66 07 MF$ 1.0

NAVAL ORDNANCE LAB., CORONA, CALIF.
CHEMOELECTRIC ENERGY CONVERSION FOR NONAQUEOUS RESERVE BATTERIES.
AD-628 999 10C T 66 08 HC$ 2.60 MF$ 0.5

BROAD-BAND VLF TRANSMITTING TERMINATED DIPOLE.
AD-629 353 9E T 66 08 HC$ 1.00 MF$ 0.5

MICROWAVE RADIOMETRY AND THE NOLC X-BAND RADIOMETER PROGRAM.
AD-629 722 17I T 66 08 HC$ 2.00 MF$ 0.5

NAVAL ORDNANCE LAB., WHITE OAK, MD.
SPAR HYDROPHONE CALIBRATION SYSTEM.
AD-628 486 9E T 66 07 HC$ 1.60 MF$ 0.5

SPAR ACOUSTIC SIGNAL AMPLIFICATION SYSTEM.
AD-628 487 9A T 66 07 HC$ 3.60 MF$ 0.5

THE SPAR HYDROPHONES.
AD-628 488 9A T 66 07 HC$ 2.60 MF$ 0.5

NAVAL ORDNANCE LAB., WHITE OAK, MD. UNDERWATER EXPLOSIONS DIV.
UNDERWATER SHOCK WAVE FREQUENCY SPECTRUM ANALYSIS. IV. FORTRAN IV PROGRAMS FOR THE IBM-7090 COMPUTER.
AD-628 936 20A T 66 08 HC$ 3.60 MF$ 0.5

NAVAL ORDNANCE LAB., WHITE OAK, MD. EXPLOSION DYNAMICS DIV.
THE EXISTENCE AND IMPLICATIONS OF CURVATURE IN THE RELATION BETWEEN SHOCK AND PARTICLE VELOCITIES FOR METALS.
AD-629 428 20K T 66 08 HC$ 2.60 MF$ 0.5

NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIF.
EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 4. INTERNAL FRICTION AND CRYSTAL PLASTICITY IN INTENSE ULTRASONIC FIELDS.
AD-462 609 11F U 41 07 HC$ 1.00

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 3. ACOUSTIC SOFTENING AT HIGH STRAIN RATES.
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.5

EFFECTS OF ULTRASOUND ON DEFORMATION CHARACTERISTICS OF STRUCTURAL METALS, 1 JULY 1963-30 JUNE 1964. PART 5. DISCUSSION.
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.5

ACOUSTIC LOSSES OF A SUBSCALE, COLD-FLOW ROCKET MOTOR FOR VARIOUS 'J' VALUES.
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75

NAVAL PERSONNEL RESEARCH ACTIVITY, SAN DIEGO, CALIF.
REENLISTMENT DIFFERENCES AMONG RECRUIT COMPANIES: A FIVE YEAR FOLLOW-UP.
AD-628 869 5I T 66 07 HC$ 1.60 MF$ 0.50

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIF.
CONDITIONAL DISTRIBUTION OF TRUE RELIABILITY AFTER CORRECTIVE ACTION.
AD-629 084 14D T 66 08 HC$ 1.60 MF$ 0.50

OPTIMUM SUBMARINE ROUTING.
AD-629 350 15G T 66 08 HC$ 2.60 MF$ 0.50

A MINE SWEEPER COMPUTER SIMULATION.
AD-629 351 15G T 66 08 HC$ 5.60 MF$ 0.75

ESTIMATING MEAN RELIABILITY GROWTH.
AD-629 381 14D T 66 08 HC$ 2.00 MF$ 0.50

NAVAL RADIOLOGICAL DEFENSE LAB., SAN FRANCISCO, CALIF.
BIAS INFLUENCE ON RADIATION-INDUCED TRANSISTOR SURFACE EFFECTS.
AD-466 611 20L U 41 08 HC$ 2.00 MF$ 0.50

ACTINOMYCIN D: BLOCKAGE OF CELL DIVISION OF SYNCHRONIZED TETRAHYMENA PYRIFORMIS.
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50

A PERSISTENT METABOLIC EFFECT OF X RAYS OR NEUTRONS.
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50

SUPPOSE WE COLLIDE WITH A PLANETOID.
AD-628 218 3C T 66 07 HC$ 2.60 MF$ 0.50

DISCONTINUITIES IN THE SURFACE STRUCTURE OF ALCOHOL-WATER MIXTURES.
AD-628 351 7D T 66 07 HC$ 2.00 MF$ 0.50

SUPPRESSION OF DNA SYNTHESIS IN WEANLING RAT KIDNEYS BY SHORT-TERM FASTING.
AD-628 360 6P T 66 07 HC$ 2.60 MF$ 0.50

THE EFFECTS OF VARIOUS GASES WITHIN THE NASAL CAVITIES OF RATS ON THE RESPONSE OF OLFACTORY BULB NEURONS TO X IRRADIATION.
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50

RECOVERY FROM RADIATION INJURY IN DOGS AS EVALUATED BY THE SPLIT-DOSE TECHNIQUE.
AD-628 791 6R T 66 07 HC$ 2.00 MF$ 0.50

CELL PROLIFERATION AND DNA SYNTHESIS AFTER UNILATERAL NEPHRECTOMY AS RELATED TO AGE.
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50

WOUNDING RESPONSE IN RELATION TO POLAR TRANSPORT OF RADIOCALCIUM IN ISOLATED ROOT SEGMENTS OF ZEA MAYS.
AD-628 805 6C T 66 07 HC$ 1.60 MF$ 0.50

A NEW INSTRUMENT FOR PRECISION CYTOPHOTOMETRY.
AD-628 927 6C T 66 08 HC$ 2.00 MF$ 0.50

GAMMA-RAY ENERGY PSEUDOSPECTRA FOR U235 FISSION PRODUCTS AND FOR VARIOUS TIMES AFTER FISSION.
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75

ION EXCHANGE IN FUSED SALTS. II. THE DISTRIBUTION OF ALKALI METAL AND ALKALINE EARTH IONS BETWEEN CHABAZITE AND FUSED LINO3, NANO3, AND KNO3.
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50

PULSED REACTOR SIMULATION OF UNDERWATER NUCLEAR DETONATIONS-THERMAL ANALYSIS.
AD-629 404 18C T 66 08 HC$ 3.60 MF$ 0.50

DESIGN CRITERIA FOR WIDE RANGE GAMMA RADIACS USING SEMICONDUCTOR DIODE DETECTORS.
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50

X-RAY INDUCED GLOMERULOSCLEROSIS IN RATS: MODIFICATION OF LESION BY FOOD RESTRICTION, UNINEPHRECTOMY, AGE.
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50

DISTRIBUTION OF VOLCANIC FALLOUT IN AND ABOUT A ONE-STORY RESIDENCE.
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75

LEVELS OF SR85 POPULATED IN THE DECAY OF Y85 AND Y85M.
AD-629 576 18H T 66 08 HC$ 4.60 MF$ 0.50

NAVAL RESEARCH ESTABLISHMENT, DARTMOUTH (NOVA SCOTIA).
PROPERTIES OF TRANSDUCER CERAMICS UNDER MAINTAINED PLANAR STRESS.
AD-628 810 11B T 66 07

NAVAL RESEARCH LAB., WASHINGTON, D. C.
DIRECT ENERGY CONVERSION LITERATURE ABSTRACTS.
AD-628 049 9A T 66 07 HC$ 5.00 MF$ 1.00

FRACTOGRAPHIC ANALYSIS OF TI-7AL-2CB-1TA AND TI-6AL-4V FRACTURES DEVELOPED IN 'WET' FATIGUE.
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50

THE ADHESION OF ICE TO HYDROPHOBIC SURFACES.
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50

DETECTOR INVESTIGATION FOR 8-15 AND 100-4000 MICRON REGIONS.
AD-628 870 20L T 66 07 HC$ 3.60 MF$ 0.50

APPARENT-WEIGHT MEASUREMENTS OF ROCKET PAYLOAD AND TEST STRUCTURES.
AD-628 894 21H T 66 08 HC$ 4.60 MF$ 0.50

ANALYSIS FOR ACYL COMPONENTS OF NEOPENTYL POLYOL ESTER LUBRICANTS.
AD-628 914 11H T 66 08 HC$ 1.00 MF$ 0.50

STATISTICAL EVALUATION OF GAS CHROMATOGRAPHY FOR THE DETERMINATION OF DISSOLVED GASES IN SEA WATER.
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50

THE NRL CYCLOTRON PROGRAM, REPORT OF PROGRESS, SEPTEMBER 1, 1965.
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50

VLF RELATIVE PHASE PREDICTIONS FOR SELECTED TRANSMISSION PATHS.
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75

REPORT OF NRL PROGRESS.
PB-168 622 14B U 41 07 HC$ 1.25 MF$ 0.50

REPORT ON NRL PROGRESS.
PB-168 986 14B U 41 07 HC$ 1.25 MF$ 0.50

PB-169 123 14B U 41 07 HC$ 1.25 MF$ 0.50

NAVAL RESEARCH LAB., WASHINGTON, D. C. SHOCK AND VIBRATION INFORMATION CENTER.
THE SHOCK AND VIBRATION BULLETIN.
AD-628 599 20K T 66 07 HC$ 6.00 MF$ 1.50

AD-628 600 20K T 66 07 HC$ 6.00 MF$ 1.50

NAVAL SCHOOL OF AVIATION MEDICINE, PENSACOLA, FLA.
THE RELIABILITY OF SELF-DETERMINATION OF PULSE RATES.
AD-467 959 6P U 41 07 HC$ 1.00 MF$ 0.50

THE CONCEPT OF AVIATOR'S 'VERTIGO'.
AD-467 970 6S U 41 07 HC$ 1.00 MF$ 0.50

THRESHOLD OF STIMULATION OF THE HORIZONTAL SEMI-CIRCULAR CANALS IN MAN WITH PARTICULAR REFERENCE TO THE SIGNIFICANCE OF THE FIRST DERIVATIVE OF ANGULAR ACCELERATION AS A STIMULUS.
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50

PREDICTING THE SUSCEPTIBILITY OF AVIATORS TO 'VERTIGO': A PRELIMINARY STUDY.
AD-467 972 6S U 41 07 HC$ 1.00 MF$ 0.50

EVALUATION OF AN INSTRUMENTAL CONDITIONING PROCEDURE AS AN INDEX OF AUDITORY DECREMENT IN THE WHITE RAT.
AD-467 974 6S U 41 07 HC$ 1.00 MF$ 0.50

THE ROLE OF VESTIBULAR NYSTAGMIS IN THE VISUAL PERCEPTION OF A MOVING TARGET IN THE DARK.
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. I. METHODOLOGY AND PRELIMINARY RESULTS.
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50

THE ILLUSORY PERCEPTION OF MOVEMENT CAUSED BY ANGULAR ACCELERATION AND BY CENTRIFUGAL FORCE DURING FLIGHT. III. HABITUATION AND TECHNIQUE OF ASSUMING THE TURN AS FACTORS IN ILLUSORY PERCEPTION.
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50

VALIDITY OF PERSONALITY INVENTORIES IN THE NAVAL AVIATION SELECTION PROGRAM.
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50

VERTIGO AS A CAUSE OF PILOT ERROR IN JET AIRCRAFT.
AD-468 151 6S U 41 07 HC$ 1.00 MF$ 0.50

COMPREHENSION BY READING VERSUS HEARING.
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50

THE PERCEPTION OF VERTICAL IN THE PRESENCE OF INCREASED ACCELERATIVE FORCES.
AD-468 195 6S U 41 07 HC$ 1.00 MF$ 0.50

A PROCEDURE FOR REDUCING THE EFFECTS OF SLANTING QUESTIONNAIRE RESPONSES TOWARD SOCIAL ACCEPTABILITY.
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50

A NOTE ON THE RELATIONSHIP OF THE INTERACTION POTENTIAL INVENTORY TO PEER RATINGS OF LEADERSHIP AND OTHER NAVAL AVIATION CADET CRITERIA.
AD-468 261 5I U 41 08 HC$ 1.00 MF$ 0.50

A STUDY OF EARLY GREYOUT THRESHOLD AS AN INDICATOR OF HUMAN TOLERANCE TO POSITIVE RADIAL ACCELERATORY FORCE.
AD-468 310 6S U 41 08 HC$ 1.00 MF$ 0.50

A MOBILE LABORATORY FOR GROUP HEARING TESTS.
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50

THE EFFECTS OF ENVIRONMENTAL TEMPERATURE CHANGES ON THE EKG OF THE SQUIRREL MONKEY / SAIMIRI SCIUREUS/.
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50

NAVAL TRAINING DEVICE CENTER, PORT WASHINGTON, N. Y.
EFFECTIVENESS AND STUDENT ACCEPTANCE OF INDIRECT PAIRED ASSOCIATES LEARNING.
AD-628 449 5J T 66 07 HC$ 6.60 MF$ 0.75

NAVAL UNDERWATER ORDNANCE STATION, NEWPORT, R. I.
PRELIMINARY STUDIES ON THE TURBULENT CHARACTERISTICS OF

OCEAN WAVES.
AD-467 337 8C U 41 07 HC$ 1.00 MF$ 0.50

NAVAL WARFARE RESEARCH CENTER, STANFORD RESEARCH INST., MENLO PARK, CALIF.
MATHEMATICAL CONSIDERATIONS PERTAINING TO THE ACCURACY OF POSITION LOCATION AND NAVIGATION SYSTEMS.
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00

NAVAL WEAPONS LAB., DAHLGREN, VA.
HERO TEST PROGRAM FOR WEAPON DEVELOPERS. PART I. DEVELOPMENT OF SHIELDING EFFECTIVENESS TESTS.
AD-629 196 19A T 66 08 HC$ 2.60 MF$ 0.50

ON THE INFLUENCE OF REFLECTIONS FROM THE ENVIRONMENT ON HERO TEST RESULTS.
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50

NAVY ELECTRONICS LAB., SAN DIEGO, CALIF.
ACOUSTIC TRANSDUCER EVALUATION CENTER (TRANSDEC). NONREVERBERATING POOL DEVELOPED AT NEL FOR CALIBRATION AND EVALUATION.
AD-449 746 14B U 41 07 HC$ 2.00

RADIO REFRACTION BY THE MARINE LAYER AND ITS EFFECT ON MICROWAVE PROPAGATION.
AD-451 653 20N U 41 07 HC$ 1.00

MARINE BIOLOGICAL SOUND WEST OF SAN CLEMENTE ISLAND. DIURNAL DISTRIBUTIONS AND EFFECTS ON AMBIENT NOISE LEVEL DURING JULY 1963.
AD-467 351 20A U 41 07 HC$ 2.00 MF$ 0.50

GROUND SYSTEM EFFECT ON HIGH FREQUENCY ANTENNA PROPAGATION,
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50

NAVY EXPERIMENTAL DIVING UNIT, WASHINGTON, D. C.
MINIMAL-RECOMPRESSION, OXYGEN-BREATHING APPROACH TO TREATMENT OF DECOMPRESSION SICKNESS IN DIVERS AND AVIATORS.
AD-628 823 6C T 66 07 HC$ 4.60 MF$ 0.50

NAVY MARINE ENGINEERING LAB., ANNAPOLIS, MD.
FEASIBILITY OF APPLICATION OF TITANIUM TO WIRE CABLE FABRICATION.
AD-628 070 13H T 66 07 HC$ 1.00 MF$ 0.50

VAPOR-SPACE-CORROSION INHIBITED OILS FOR USE IN STEAM-TURBINE LUBRICATING SYSTEMS.
AD-628 838 11H T 66 07 HC$ 4.60 MF$ 0.50

NAVY MEDICAL NEUROPSYCHIATRIC RESEARCH UNIT, SAN DIEGO, CALIF.
ECCRINE SWEAT GLAND ACTIVITY AND RACIAL DIFFERENCES IN RESTING SKIN CONDUCTANCE,
AD-628 752 6E T 66 07

AGE, YEARS OF SCHOOLING, AND INTELLIGENCE AS PREDICTORS OF MILITARY EFFECTIVENESS FOR NAVAL ENLISTEES.
AD-628 753 5I T 66 07 HC$ 2.00 MF$ 0.50

PSYCHIATRIC RE-EXAMINATION OF UNSUITABLE NAVAL RECRUITS: A TWO-YEAR FOLLOW-UP,
AD-628 754 5I T 66 07

DEPRESSION IN THE OFFICER PATIENT,
AD-628 755 6E T 66 07

THE NAVAL MEDICAL OFFICER AS A PSYCHIATRIC PATIENT,
AD-628 756 6E T 66 07

SUBEPENDYMAL CEREBRAL HEMORRHAGE IN INFANCY,
AD-628 757 6E T 66 07

NAVY UNDERWATER SOUND LAB., NEW LONDON, CONN.
THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS - PART II.
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50

MEASUREMENTS OF THE SPATIAL CORRELATION OF AMBIENT NOISE USING A DEEP-SUBMERGENCE VEHICLE (DIVING SAUCER SP-300).
AD-628 938 20A T 66 08 HC$ 1.00 MF$ 0.50

LOW FREQUENCY SHIELDING OF A CIRCULAR LOOP ELECTROMAGNETIC FIELD SOURCE.
AD-629 005 9A T 66 08 HC$ 5.60 MF$ 0.50

THE QUASI-STATIC FIELDS OF DIPOLE ANTENNAS. PART III.
AD-629 620 9E T 66 08 HC$ 1.60 MF$ 0.50

NERATOOM, N. V., THE HAGUE (NETHERLANDS).
STAINLESS STEEL CLADDING OF VERY THICK STEELS.
EURAEC-1228 13H U 41 07 HC$ 1.00 MF$ 0.50

NETHERLANDS. NIJVERHEIDSORGANISATIE, TNO, THE HAGUE.
THE DEVELOPMENT OF A NEW DETERMINATION OF THE DUTILE-BRITTLE TRANSITION TEMPERATURE.
EURAEC-1217 11F U 41 07 HC$ 2.00 MF$ 0.50

NEW BRUNSWICK LAB. (AEC), N. J.
SPECTROPHOTOMETRIC DETERMINATION OF GALLIUM IN PLUTONIUM-GALLIUM ALLOY,
NBL-228 7D U 41 08 HC$ 1.00 MF$ 0.50

NEW MEXICO UNIV., ALBUQUERQUE.
THE SYNTHESIS OF ALKYLAMINOETHANETHIOLS SUBSTITUTED WITH HETEROCYCLIC MOIETIES AND THEIR DERIVATIVES.
AD-628 069 7C T 66 07 HC$ 3.00 MF$ 0.75

NEW MEXICO UNIV., ALBUQUERQUE. BUREAU OF ENGINEERING RESEARCH.
PRODUCTION AND MEASUREMENT OF A DILATATION LOADING FIELD,
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75

NEW SOUTH WALES UNIV., SYDNEY (AUSTRALIA).
INTEGRATION RULES OF HYPERCUBIC SYMMETRY OVER A CERTAIN SPHERICALLY SYMMETRIC SPACE,
AD-628 521 12A T 66 07

SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. I. ERROR COEFFICIENTS,
AD-628 522 12A T 66 07

SYMMETRIC INTEGRATION RULES FOR HYPERCUBES. II. RULE PROJECTION AND RULE EXTENSION,
AD-629 529 12A T 66 08

NEW SOUTH WALES UNIV., SYDNEY (AUSTRALIA). DEPT. OF NUCLEAR AND RADIATION CHEMISTRY.
A THIRD POSITRON LIFETIME IN SOLID POLYMERS,
AD-629 086 7E T 66 08

NEW YORK UNIV., N. Y.
AUTOIONIZATION STATES OF H(-) BELOW THE N=2 LEVEL OF H,
AD-628 239 7D T 66 07

GENERALIZED EIGENVECTORS AND SEPARATION OF VARIABLES.
AD-629 085 12A T 66 08

LAMINAR, TRANSITIONAL AND TURBULENT FLOW WITH ADVERSE PRESSURE GRADIENT ON A CONE-FLARE AT MACH 10.
AD-629 094 20D T 66 08 HC$ 6.60 MF$ 0.75

REGLES DE SELECTION POUR LA DIFFUSION RAMAN ET L'ABSORPTION INFRAROUGE DANS LA WURTZITE,
AD-629 702 20L T 66 08

NITRIC OXIDE PHOTOLYSIS.
N66-11750 7D U 41 08 HC$ 1.00 MF$ 0.50

NEW YORK UNIV., N. Y. DEPT. OF ELECTRICAL ENGINEERING.
ON THE FORMULATION OF ADAPTIVE OPTIMAL CONTROL PROBLEMS,
AD-629 691 9C T 66 08

NEW YORK UNIV., N. Y. DEPT. OF PHYSICS.
CONVECTIVE INSTABILITY IN A COMPRESSIBLE ATMOSPHERE. I.
AD-628 525 20D T 66 07

METASTABLE TRIPLET-P2 RARE GAS POLARIZABILITIES,
AD-628 550 7D T 66 07 HC$ 2.60 MF$ 0.50

SOLID STATE RADIATION-INDUCED PHENOMENA.
AD-628 861 20F T 66 07 HC$ 3.00 MF$ 0.75

NEW YORK UNIV., N. Y. GEOPHYSICAL SCIENCES LAB.
A SHALLOW WATER ISOBARIC BUOY.
AD-628 782 14B T 66 07 HC$ 6.60 MF$ 0.75

AN INVESTIGATION OF THE INTERMEDIATE SALINITY MAXIMUM IN THE EQUATORIAL ATLANTIC DURING EQUALANT I.
AD-629 156 8J T 66 08 HC$ 4.00 MF$ 0.75

NEW YORK UNIV., N. Y. LAB. FOR ELECTROSCIENCE RESEARCH.
INVESTIGATION OF NETWORK REALIZABILITY.
AD-628 921 9C T 66 08 HC$ 5.60 MF$ 0.50

NEW YORK UNIV., N. Y. RADIATION AND SOLID STATE LAB.
LUMINESCENCE, INFRARED RESPONSE AND ENERGY STORAGE OF VARIOUS LUMINESCENT MATERIALS IN RELATION TO PREPARATIVE METHODS AND CONDITIONS.
AD-628 394 20F T 66 07 HC$ 2.00 MF$ 0.50

NORDEN DIV., UNITED AIRCRAFT CORP., NORWALK, CONN.
SIMULATION STUDIES OF AN INTEGRATED ELECTRONIC VERTICAL DISPLAY.
AD-629 157 1D T 66 08 HC$ 9.60 MF$ 0.75

NORTH CAROLINA STATE UNIV., RALEIGH.
DIE KOBALTREICHEN LEGIERUNGEN IM DREISTOFFSYSTEM KOBALT-ANTIMON-BOR,
AD-628 646 11F T 66 07

NORTH CAROLINA STATE UNIV., RALEIGH. DEPT. OF ENGINEERING RESEARCH.
DIE KOBALTECKE IM DREISTOFFSYSTEM KOBALT-NIOB-BOR (THE COBALT PHASE IN THE TERTIARY SYSTEM OF COBALT-NIOBIUM-BORON),
AD-629 395 11F T 66 08

URANIUM INTERSTITIAL PHASES.
NCSC-2663-16 20B U 41 08 HC$ 1.00 MF$ 0.50

A NUCLEAR FUEL CONSISTING OF VERY SMALL, UNIFORMLY DISPERSED UC PARTICLES IN A URANIUM MATRIX.
NCSC-2981-1 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-2 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-3 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-5 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-6 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-7 18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-8 18J U 41 07 HC$ 1.00 MF$ 0.50

NORTH CAROLINA UNIV., CHAPEL HILL. DEPT OF PHYSICS.
DISLOCATIONS AND NUCLEAR PARTICLE TRACKS IN SILVER CHLORIDE CYRSTALS.
AD-629 058 20L T 66 08

NORTH CAROLINA UNIV., CHAPEL HILL. DEPT. OF STATISTICS.

A THEOREM ON FUNCTIONS OF CHARACTERISTIC FUNCTIONS AND ITS APPLICATION TO SOME RENEWAL THEORETIC RANDOM WALK PROBLEMS.
AD-628 164 12A T 66 07 HC$ 3.00 MF$ 0.75

NORTH CAROLINA UNIV., CHAPEL HILL. INST. OF FIELD PHYSICS.
JOINT REPORT TO AIR FORCE OFFICE OF SCIENTIFIC RESEARCH AND OFFICE OF NAVAL RESEARCH.
AD-628 256 20J T 66 07 HC$ 1.00 MF$ 0.50

NORTH DAKOTA STATE UNIV., FARGO.
IRON (III) EXTRACTION BY NITROBENZENE -BENZENE MIXTURES.
AD-628 826 7B T 66 07

NORTHEASTERN UNIV., BOSTON, MASS.
A STUDY OF THE EFFECTS OF CRYSTALLINE ELECTRIC FIELDS ON FERROMAGNETS.
AD-629 018 20C T 66 08 HC$ 1.00 MF$ 0.50

NORTHEASTERN UNIV., BOSTON, MASS. ELECTRONICS RESEARCH LAB.
RELIABLE SOLID-STATE CIRCUITS.
N66-11799 9E U 41 08 HC$ 3.00 MF$ 0.75

NORTHEASTERN UNIV., BOSTON, MASS. PHOTOCHEMISTRY AND SPECTROSCOPY LAB.
A KINETIC STUDY OF THE PHOTOCHEMICAL ADDITION OF PHENANTHRENEQUINONE TO OLEFINS.
AD-629 478 7E T 66 08 HC$ 5.00 MF$ 1.00

AN INVESTIGATION OF PHOTOCHEMICALLY GENERATED FREE RADICALS FROM PERINAPHTHENONES.
AD-629 479 7E T 66 08 HC$ 6.00 MF$ 1.25

NORTHROP SPACE LABS., HAWTHORNE, CALIF.
RESEARCH AND DEVELOPMENT STUDY ON THERMAL CONTROL BY USE OF FUSIBLE MATERIALS.
N66-10628 20M U 41 08 HC$ 3.00 MF$ 0.75

ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20M U 41 08 HC$ 5.00 MF$ 1.00

INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY.
N66-12200 6R U 41 08 HC$ 1.00 MF$ 0.50

NORTHROP SPACE LABS., HUNTSVILLE, ALA.
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM.
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL.
STUDIES OF CODING IN VERBAL LEARNING.
AD-628 226 5J T 66 07

MONOENERGETIC PHOTOLYTIC REACTIONS.
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

AN ANALYSIS OF INTRALIST SIMILARITY IN VERBAL LEARNING WITH EXPERIMENTS ON CONCEPTUAL SIMILARITY.
AD-628 638 5J T 66 07

SIMULATED SIMILARITY AND MEDIATION TIME IN TRANSFER.
AD-628 639 5J T 66 07

FALSE RECOGNITION PRODUCED BY IMPLICIT VERBAL RESPONSES.
AD-628 640 5J T 66 07

FREE LEARNING AND RECALL AS A FUNCTION OF UNIT-SEQUENCE AND LETTER-SEQUENCE INTERFERENCE.
AD-628 641 5J T 66 07

CIRCADIAN RHYTHM AND THE PHOTOPERIODIC REGULATION OF THE ANNUAL REPRODUCTIVE CYCLE IN BIRDS.
AD-628 688 6C T 66 07

A LOGNORMAL SIZE DISTRIBUTION MODEL FOR ESTIMATING STABILITY OF BEACH FILL MATERIAL.
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50

A SURFACE-FITTING PROGRAM FOR AREALLY-DISTRIBUTED DATA FROM THE EARTH SCIENCES AND REMOTE SENSING.
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF ELECTRICAL ENGINEERING.
EQUIVALENCE RELATIONS FOR ECHO AREAS OF DIELECTRIC SOLID CYLINDERS AND CYLINDRICAL SHELLS.
AD-629 267 20L T 66 08

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF GEOGRAPHY.
HAGER III AND HAGER IV: TWO MONTE CARLO COMPUTER PROGRAMS FOR THE STUDY OF SPATIAL DIFFUSION PROBLEMS.
AD-628 611 9B T 66 07 HC$ 4.60 MF$ 0.50

THREE COMPUTER PROGRAMS FOR CONTIGUITY MEASURES.
AD-628 612 8B T 66 07 HC$ 3.60 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF MATERIALS SCIENCE.
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

ON THE MEANING OF THE FAULT PARAMETERS MEASURED BY X-RAYS: I. STRAIN DISTRIBUTIONS IN SHOCK-LOADED SINGLE CRYSTALS OF COPPER: II.
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. GAS DYNAMICS LAB.
MICROWAVE DIAGNOSTICS OF ARC-HEATED NITROGEN AND AIR PLASMAS.
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. INFORMATION-PROCESSING AND CONTROL SYSTEMS LAB.
DELTA MODULATION IN FEEDBACK CONTROL SYSTEMS.
AD-629 664 9C T 66 08

NORTHWESTERN UNIV., EVANSTON, ILL. TECHNOLOGICAL INST.
ON THE SAMPLE SIZE AND SIMPLIFICATION OF A CLASS OF SPRT'S.
AD-628 364 12A T 66 07 HC$ 1.60 MF$ 0.50

RESPONSE OF A SUBMERGED CYLINDRICAL SHELL TO AN AXIALLY PROPAGATING STEP WAVE.
AD-628 653 20K T 66 07

BUCKLING OF A LONG CYLINDRICAL SHELL CONTAINING AN ELASTIC CORE.
AD-628 702 20K T 66 07

VIBRATION OF THIN SHELLS UNDER INITIAL STRESS.
AD-628 736 20K T 66 07

BUCKLING OF A LONG CYLINDRICAL SHELL SURROUNDED BY AN ELASTIC MEDIUM.
AD-628 738 20K T 66 07

A GENERALIZATION OF A THEOREM OF EDMUND EISENBERG.
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. TECHNOLOGICAL INST.
CONSTRAINED GENERALIZED MEDIANS AND HYPERMEDIANS AS DETERMINISTIC EQUIVALENTS FOR TWO-STAGE LINEAR PROGRAMS UNDER UNCERTAINTY.
AD-628 574 12B T 66 07

NORTRONICS, NEWBURY PARK, CALIF. APPLIED RESEARCH DEPT.
DEVELOPMENT OF AN AUTOMATIC DEVICE FOR SOLVING CONTINUUM MECHANICS PROBLEMS.
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25

NORWEGIAN INST. OF COSMIC PHYSICS, UNIV. OF OSLO.
ELF AND VLF EMISSIONS IN NORTHERN SCANDINAVIA.
AD-628 281 4A T 66 07 HC$ 2.60 MF$ 0.50

STATISTICS CONCERNING THE APPEARANCE OF ENHANCED VLF-EMISSIONS ON 8 KC/S OBSERVED NEAR THE AURORAL ZONE OVER A TWO-YEAR PERIOD.
AD-628 748 4A T 66 07 HC$ 1.60 MF$ 0.50

NORWEGIAN METEOROLOGICAL INST., BLINDERN.
STATISTICAL-DYNAMICAL METEOROLOGICAL PREDICTIONS.
AD-628 820 4B T 66 07 HC$17.80 MF$ 1.00

NOTRE DAME UNIV., IND. DEPT. OF CHEMISTRY.
CONFORMATIONAL ANALYSIS IN MOBILE CYCLOHEXANE SYSTEMS.
AD-628 454 7C T 66 07

SOME SELECTED SCHIFF-BASE EXCHANGE REACTIONS.
N66-11766 7C U 41 08 HC$ 1.00 MF$ 0.50

NOYES CHEMICAL LAB., UNIV. OF ILLINOIS, URBANA.
NMR SPIN-ECHO TRAINS FOR A COUPLED TWO-SPIN SYSTEM.
AD-466 684 7D U 41 07 HC$ 1.00 MF$ 0.50

NRC EQUIPMENT CORP., NEWTON, MASS.
DIFFUSION PUMP BAFFLE STUDY.
AD-451 427 13K U 41 08 HC$ 7.60

NUKELAR-CHEMIE UND-METALLURGIE G.M.B.H., WOLFGANG BEI HANAU AM MAIN, (GERMANY).
PRODUCTION OF UO2 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

NUKLEAR-CHEMIE UND -METALLURGIE G.M.B.H., WOLFGANG BEI HANAU AM MAIN (WEST GERMANY).
DEVELOPMENT OF PROCESSES FOR THE PREPARATION OF URANIUM CARBIDES AS WELL AS CERMETS ON A UC BASE.
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75

PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

NUKLEAR-CHEMIE UND -METELLURGIE G.M.B.H., WOLFGANG BEI HANAU MAIN (WEST GERMANY).
PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING TO FUEL ELEMENTS.
EURAEC-990 18J U 41 07 HC$ 2.00 MF$ 0.50

NUKLEAR-CHEMIE UND-METALLURGIE G.M.B.H., WOLFGANG BEI HANNEU AM MAIN, (GERMANY).
PRODUCTION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

OAK RIDGE INST. OF NUCLEAR STUDIES, INC., TENN.
ELECTRODEPOSITION OF ACTINIDES AND LANTHANIDES.
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50

OAK RIDGE NATIONAL LAB., TENN.
ECONOMIC ASPECTS OF NUCLEAR DESALINATION.
ORNL-P-1278 18L U 41 08 HC$ 1.00 MF$ 0.50

ATOMIC TRANSPORT PROBLEMS OF INTEREST IN NUCLEAR SYSTEMS.
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50

RECOVERY OF 137 CS FROM FISSION-PRODUCT WASTES AND TRANSPORT BY AN ALUMINOSILICATE ION EXCHANGER.
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50

CHEMICAL TECHNOLOGY DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING MAY 31, 1965.
ORNL-3830 7A U 41 08 HC$ 7.00 MF$ 1.50

NUCLEAR SAFETY PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING JUNE 30, 1965.
ORNL-3843 18U U 41 07 HC$ 6.00 MF$ 1.00

HEALTH PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING JULY 31, 1965.
ORNL-3849 6R U 41 07 HC$ 6.00 MF$ 1.25

NEUTRON PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING AUGUST 1, 1965.
ORNL-3858, VOL. 1 20H U 41 07 HC$ 2.00 MF$ 0.50

ORNL-3858, VOL. 2 20H U 41 07 HC$ 3.00 MF$ 0.75

REVIEW OF ORNL ELECTROMAGNETIC SEPARATIONS PROGRAM,
ORNL-3861 18B U 41 07 HC$ 3.00 MF$ 0.50

PILOT PLANT DEMONSTRATION OF THE DECONTAMINATION OF LOW-LEVEL PROCESS WASTES BY A RECYCLE SCAVENGING-PRECIPITATION IONEXCHANGE PROCESS.
ORNL-3863 7A U 41 08 HC$ 2.00 MF$ 0.50

ACID LEACHING OF PRODUCTS FROM THE FLUIDIZED-BED COMBUSTION OF GRAPHITE-BASE REACTOR FUELS AND THE HF-O 2 DISINTEGRATION OF STAINLESS STEEL-AND ZIRCONIUM-CLAD OXIDE FUELS,
ORNL-3876 7B U 41 07 HC$ 2.00 MF$ 0.50

FORTRAN PROGRAMS FOR THE CLEBSCH-GORDAN AND RACAH COEFFICIENTS AND THE NINE-J SYMBOL,
ORNL-3877 9B U 41 07 HC$ 1.00 MF$ 0.50

RADIATION METALLURGY SECTION, SOLID STATE DIVISION PROGRESS REPORT FOR PERIOD ENDING AUGUST 1965.
ORNL-3878 18J U 41 08 HC$ 3.00 MF$ 0.75

SEMIANNUAL CONTRACT PROGRESS REPORT TO THE NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, MARCH 1-SEPTEMBER 15, 1965,
ORNL-3883 6N U 41 07 HC$ 2.00 MF$ 0.50

ON THE BOUND STATES OF AN ELECTRON IN THE FIELD OF A PERMANENT ELECTRIC DIPOLE,
ORNL-3895 20H U 41 08 HC$ 3.00 MF$ 0.50

SNAP-8 CORROSION PROGRAM SUMMARY REPORT,
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25

OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
DIRECTORY OF DEPARTMENT OF DEFENSE INFORMATION ANALYSIS CENTERS.
AD-628 895 5B T 66 08 MF$ 0.50

INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 5. PIECE-WISE LINEAR METHODS AND ABSOLUTE STABILITY.
AD-628 954 12B T 66 08 HC$ 6.00 MF$ 1.50

INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 6. EXTREMAL SYSTEMS AND INTRODUCTION OF STATISTICAL DATA.
AD-628 955 12B T 66 08 HC$ 6.00 MF$ 1.50

OFFICE OF THE SURGEON GENERAL (AIR FORCE), WASHINGTON, D. C.
ANNUAL REPORT OF THE USAF MEDICAL SERVICE (11TH), 1 JULY 1963-30 JUNE 1964.
AD-629 355 6E T 66 08 HC$ 5.00 MF$ 1.00

OHIO RIVER DIV. LABS., CINCINNATI.
LOCKBOURNE NO. 2. 300,000 POUND EXPERIMENTAL MAT. REPORT OF CONSTRUCTION.
AD-628 902 13B T 66 08 HC$20.30 MF$ 1.25

OHIO RIVER DIV. LABS., MARIEMONT.
LOCKBOURNE NO. 1 - TEST TRACK, ACCELERATED TRAFFIC TESTS OF CONCRETE PAVEMENTS.
AD-628 286 13B T 66 07 HC$11.60 MF$ 0.75

OHIO RIVER DIV. LABS., MARIEMONT. RIGID PAVEMENT LAB.
LOCKBOURNE NO. 3, OVERLAY MAT, PAVEMENT OVERLAY INVESTIGATION.
AD-628 140 13B T 66 07 MF$ 0.75

LOCKBOURNE NO. 1 - TEST TRACK, REPORT OF RECONSTRUCTION.
AD-628 290 13B T 66 07 HC$ 6.60 MF$ 0.75

LOCKBOURNE NO. 2, MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 357 13B T 66 07 HC$ 7.60 MF$ 0.75

LOCKBOURNE TEST TRACK.
AD-628 359 13B T 66 07 HC$23.40 MF$ 1.25

LOCKBOURNE NO. 3 PAVEMENT OVERLAY INVESTIGATION.
AD-628 692 13B T 66 07 HC$23.10 MF$ 1.25

LOCKBOURNE NO. 2 MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 837 13B T 66 07 HC$21.40 MF$ 1.25

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS.
RESEARCH ON ROTATING RF FIELD PLASMA.
AD-628 930 20I T 66 08 HC$ 1.60 MF$ 0.50

AURAL DETECTION AND IDENTIFICATION OF THE PRESENCE OF PERSONNEL.
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS.
REACTIONS OF CHLOROCARBONIUM IONS.
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS. ANTENNA LAB.
STIMULATED BRILLOUIN SCATTERING IN ANISOTROPIC MEDIA AND OBSERVATION OF PHONONS.
AD-466 176 20E U 41 08 HC$ 1.00 MF$ 0.50

PARAMETRIC EXCITATION OF ACOUSTIC WAVES IN STIMULATED BRILLOUIN SCATTERING.
AD-466 177 20E U 41 08 HC$ 2.00 MF$ 0.50

THEORETICAL CURVES OF BACKSCATTERING CROSS SECTIONS OF ROUGH SURFACES FOR SEVERAL POLARIZATION STATES USING TWO STATISTICAL MODELS,
N66-10957 20H U 41 08 HC$ 3.00 MF$ 0.50

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS. DEPT. OF ELECTRICAL ENGINEERING.
AN INTERFEROMETRIC RECEIVER FOR SUBMILLIMETER RADIOMETRY,
N66-10882 14B U 41 08 HC$ 5.00 MF$ 1.00

OHIO STATE UNIV., COLUMBUS. DEPT. OF BOTANY AND PLANT PATHOLOGY.
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. III. VEGETATION OF NEOTOMA.
TID-21515 6F U 41 08 HC$ 4.00 MF$ 1.25

OHIO STATE UNIV., COLUMBUS. DEPT. OF CHEMISTRY.
ELECTRON-IMPACT ENERGY SPECTRA OF ACETONE AND 2-BUTANONE.
AD-628 904 7D T 66 08

OHIO. AGRICULTURAL EXPERIMENT STATION, WOOSTER.
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. V. SOLAR RADIATION MEASUREMENTS AT NEOTOMA.
TID-21357 6F U 41 08 HC$ 3.00 MF$ 0.75

OKLAHOMA STATE UNIV., STILLWATER. DEPT. OF PHYSICS.
PHOTOELECTRONIC ANALYSIS OF IMPERFECTIONS IN GROWN STANNIC OXIDE SINGLE CRYSTALS,
AD-628 643 20B T 66 07

OKLAHOMA STATE UNIV., STILLWATER. RESEARCH FOUNDATION.
SHEAR WAVE PROPAGATION IN BIREFRINGENT VISCOELASTIC LIQUIDS OF LOW RIGIDITY AND LOW VISCOSITY.
AD-629 179 20K T 66 08 HC$ 2.00 MF$ 0.50

ESTIMATES OF ELECTRICITY SALES BY UTILITIES, BY COUNTY AND CLASS OF SERVICE, OKLAHOMA, 1950 AND 1960,
N66-11744 13B U 41 08 HC$ 3.00 MF$ 0.50

OKLAHOMA STATE UNIV., STILLWATER. SCHOOL OF CIVIL ENGINEERING.
VISCOSITY STUDIES ON DISTILLED WATER AND WEAK SOLS OF POLYETHYLENOXIDE USING THE FALLING CYLINDER VISCOMETER AT OKLAHOMA STATE UNIVERSITY.
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50

OKLAHOMA UNIV. RESEARCH INST., NORMAN.
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE.
AD-628 862 7D T 66 07

OKLAHOMA UNIV., NORMAN.
LIFETIME STUDIES OF THE RADIATIVE DISSOCIATION OF EXCITED H2,
AD-628 348 7D T 66 07

OKLAHOMA UNIV., NORMAN. DEPT. OF PHYSICS.
COLLISIONAL TRANSFER OF EXCITATION ENERGY IN HELIUM,
AD-628 229 7D T 66 07

ELECTRON EXCITATION CROSS SECTION OF THE 3-DOUBLET-S TO 3-DOUBLET-P TRANSITION OF SODIUM,
AD-628 406 7D T 66 07

THEORY OF THE EXCITATION OF THE 4686-A LINE OF HE(+) BY ELECTRON IMPACT,
AD-628 407 7D T 66 07

OKLAHOMA UNIV., RESEARCH INST., NORMAN.
LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

OPERATIONS RESEARCH, INC., SILVER SPRING, MD.
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75

OREGON STATE UNIV., CORVALLIS.
MICROORGANISM STUDY PROGRESS REPORT,
N66-10773 6N U 41 08 HC$ 3.00 MF$ 0.50

OREGON STATE UNIV., CORVALLIS. DEPT. OF CHEMISTRY.
STRUCTURES AND DYNAMICS OF MOLECULES BY ELECTRON DIFFRACTION.
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50

OREGON STATE UNIV., CORVALLIS. DEPT. OF FOOD SCIENCE AND TECH.
EFFECT OF IRRADIATION ON THE MICROBIAL FLORA SURVIVING IRRADIATION PASTEURIZATION OF SEAFOODS,
TID-22289 6H U 41 08 HC$ 3.00 MF$ 0.50

OREGON UNIV., EUGENE. DEPT. OF PHYSICS.
CONNECTED-DIAGRAM EXPANSION OF TRANSPORT COEFFICIENTS, II. QUANTUM GAS OBEYING CLASSICAL STATISTICS.
AD-628 248 20J T 66 07 HC$ 2.00 MF$ 0.50

OSLO UNIV. (NORWAY). INST. FOR THEORETICAL PHYSICS.
EXACT QUANTUM DYNAMICAL SOLUTIONS FOR OSCILLATOR-LIKE SYSTEMS,
AD-628 414 20J T 66 07

ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON

A THEOREM ON FUNCTIONS OF CHARACTERISTIC FUNCTIONS AND ITS APPLICATION TO SOME RENEWAL THEORETIC RANDOM WALK PROBLEMS.
AD-628 164 12A T 66 07 HC$ 3.00 MF$ 0.75

NORTH CAROLINA UNIV., CHAPEL HILL. INST. OF FIELD PHYSICS. JOINT REPORT TO AIR FORCE OFFICE OF SCIENTIFIC RESEARCH AND OFFICE OF NAVAL RESEARCH.
AD-628 256 20J T 66 07 HC$ 1.00 MF$ 0.50

NORTH DAKOTA STATE UNIV., FARGO.
IRON (III) EXTRACTION BY NITROBENZENE -BENZENE MIXTURES.
AD-628 826 7B T 66 07

NORTHEASTERN UNIV., BOSTON, MASS.
A STUDY OF THE EFFECTS OF CRYSTALLINE ELECTRIC FIELDS ON FERROMAGNETS.
AD-629 018 20C T 66 08 HC$ 1.00 MF$ 0.50

NORTHEASTERN UNIV., BOSTON, MASS. ELECTRONICS RESEARCH LAB.
RELIABLE SOLID-STATE CIRCUITS.
N66-11709 9E U 41 08 HC$ 3.00 MF$ 0.75

NORTHEASTERN UNIV., BOSTON, MASS. PHOTOCHEMISTRY AND SPECTROSCOPY LAB.
A KINETIC STUDY OF THE PHOTOCHEMICAL ADDITION OF PHENANTHRENEQUINONE TO OLEFINS.
AD-629 478 7E T 66 08 HC$ 5.00 MF$ 1.00

AN INVESTIGATION OF PHOTOCHEMICALLY GENERATED FREE RADICALS FROM PERINAPHTHENONES.
AD-629 479 7E T 66 08 HC$ 6.00 MF$ 1.25

NORTHROP SPACE LABS., HAWTHORNE, CALIF.
RESEARCH AND DEVELOPMENT STUDY ON THERMAL CONTROL BY USE OF FUSIBLE MATERIALS.
N66-10628 20M U 41 08 HC$ 3.00 MF$ 0.75

ENGINEERING STUDY TO DETERMINE FEASIBLE METHODS OF SIMULATING PLANETARY ALBEDO AND RADIATION EFFECTS UPON THE THERMAL BALANCE OF SPACECRAFT.
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00

INVESTIGATION OF PEROGNATHUS AS AN EXPERIMENTAL ORGANISM FOR RESEARCH IN SPACE BIOLOGY.
N66-12200 6R U 41 08 HC$ 1.00 MF$ 0.50

NORTHROP SPACE LABS., HUNTSVILLE, ALA.
LUNAR DUST/DEBRIS HAZARDS ASSOCIATED WITH THE MANNED FLYING SYSTEM.
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL.
STUDIES OF CODING IN VERBAL LEARNING.
AD-628 226 5J T 66 07

MONOENERGETIC PHOTOLYTIC REACTIONS.
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50

AN ANALYSIS OF INTRALIST SIMILARITY IN VERBAL LEARNING WITH EXPERIMENTS ON CONCEPTUAL SIMILARITY.
AD-628 638 5J T 66 07

SIMULATED SIMILARITY AND MEDIATION TIME IN TRANSFER.
AD-628 639 5J T 66 07

FALSE RECOGNITION PRODUCED BY IMPLICIT VERBAL RESPONSES.
AD-628 640 5J T 66 07

FREE LEARNING AND RECALL AS A FUNCTION OF UNIT-SEQUENCE AND LETTER-SEQUENCE INTERFERENCE.
AD-628 641 5J T 66 07

CIRCADIAN RHYTHM AND THE PHOTOPERIODIC REGULATION OF THE ANNUAL REPRODUCTIVE CYCLE IN BIRDS.
AD-628 688 6C T 66 07

A LOGNORMAL SIZE DISTRIBUTION MODEL FOR ESTIMATING STABILITY OF BEACH FILL MATERIAL.
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50

A SURFACE-FITTING PROGRAM FOR AREALLY-DISTRIBUTED DATA FROM THE EARTH SCIENCES AND REMOTE SENSING.
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF ELECTRICAL ENGINEERING.
EQUIVALENCE RELATIONS FOR ECHO AREAS OF DIELECTRIC SOLID CYLINDERS AND CYLINDRICAL SHELLS.
AD-629 267 20L T 66 08

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF GEOGRAPHY.
HAGER III AND HAGER IV: TWO MONTE CARLO COMPUTER PROGRAMS FOR THE STUDY OF SPATIAL DIFFUSION PROBLEMS.
AD-628 611 9B T 66 07 HC$ 4.60 MF$ 0.50

THREE COMPUTER PROGRAMS FOR CONTIGUITY MEASURES.
AD-628 612 8B T 66 07 HC$ 3.60 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF MATERIALS SCIENCE.
SOME OBSERVATIONS ON SHOCK-LOADED COPPER.
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50

ON THE MEANING OF THE FAULT PARAMETERS MEASURED BY X-RAYS: I. STRAIN DISTRIBUTIONS IN SHOCK-LOADED SINGLE CRYSTALS OF COPPER; II.
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. GAS DYNAMICS LAB.
MICROWAVE DIAGNOSTICS OF ARC-HEATED NITROGEN AND AIR PLASMAS.
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. INFORMATION-PROCESSING AND CONTROL SYSTEMS LAB.
DELTA MODULATION IN FEEDBACK CONTROL SYSTEMS.
AD-629 664 9C T 66 08

NORTHWESTERN UNIV., EVANSTON, ILL. TECHNOLOGICAL INST.
ON THE SAMPLE SIZE AND SIMPLIFICATION OF A CLASS OF SPRT'S.
AD-628 364 12A T 66 07 HC$ 1.60 MF$ 0.50

RESPONSE OF A SUBMERGED CYLINDRICAL SHELL TO AN AXIALLY PROPAGATING STEP WAVE.
AD-628 653 20K T 66 07

BUCKLING OF A LONG CYLINDRICAL SHELL CONTAINING AN ELASTIC CORE.
AD-628 702 20K T 66 07

VIBRATION OF THIN SHELLS UNDER INITIAL STRESS.
AD-628 736 20K T 66 07

BUCKLING OF A LONG CYLINDRICAL SHELL SURROUNDED BY AN ELASTIC MEDIUM.
AD-628 738 20K T 66 07

A GENERALIZATION OF A THEOREM OF EDMUND EISENBERG.
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. TECHNOLOGICAL INST.
CONSTRAINED GENERALIZED MEDIANS AND HYPERMEDIANS AS DETERMINISTIC EQUIVALENTS FOR TWO-STAGE LINEAR PROGRAMS UNDER UNCERTAINTY.
AD-628 574 12B T 66 07

NORTRONICS, NEWBURY PARK, CALIF. APPLIED RESEARCH DEPT.
DEVELOPMENT OF AN AUTOMATIC DEVICE FOR SOLVING CONTINUUM MECHANICS PROBLEMS.
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25

NORWEGIAN INST. OF COSMIC PHYSICS, UNIV. OF OSLO.
ELF AND VLF EMISSIONS IN NORTHERN SCANDINAVIA.
AD-628 281 4A T 66 07 HC$ 2.60 MF$ 0.50

STATISTICS CONCERNING THE APPEARANCE OF ENHANCED VLF-EMISSIONS ON 8 KC/S OBSERVED NEAR THE AURORAL ZONE OVER A TWO-YEAR PERIOD.
AD-628 748 4A T 66 07 HC$ 1.60 MF$ 0.50

NORWEGIAN METEOROLOGICAL INST., BLINDERN.
STATISTICAL-DYNAMICAL METEOROLOGICAL PREDICTIONS.
AD-628 820 4B T 66 07 HC$17.80 MF$ 1.00

NOTRE DAME UNIV., IND. DEPT. OF CHEMISTRY.
CONFORMATIONAL ANALYSIS IN MOBILE CYCLOHEXANE SYSTEMS.
AD-628 454 7C T 66 07

SOME SELECTED SCHIFF-BASE EXCHANGE REACTIONS.
N66-11766 7C U 41 08 HC$ 1.00 MF$ 0.50

NOYES CHEMICAL LAB., UNIV. OF ILLINOIS, URBANA.
NMR SPIN-ECHO TRAINS FOR A COUPLED TWO-SPIN SYSTEM.
AD-466 684 7D U 41 07 HC$ 1.00 MF$ 0.50

NRC EQUIPMENT CORP., NEWTON, MASS.
DIFFUSION PUMP BAFFLE STUDY.
AD-451 427 13K U 41 08 HC$ 7.60

NUKLEAR-CHEMIE UND-METALLURGIE G.M.B.H., WOLFGANG BEI HANAU AM MAIN. (GERMANY).
PRODUCTION OF UO2 POWDERS FOR HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75

NUKLEAR-CHEMIE UND -METALLURGIE G.M.B.H., WOLFGANG BEI HANAU AM MAIN (WEST GERMANY).
DEVELOPMENT OF PROCESSES FOR THE PREPARATION OF URANIUM CARBIDES AS WELL AS CERMETS ON A UC BASE.
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75

PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50

NUKLEAR-CHEMIE UND -METELLURGIE G.M.B.H., WOLFGANG BEI HANAU MAIN (WEST GERMANY).
PREPARATION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING TO FUEL ELEMENTS.
EURAEC-990 18J U 41 07 HC$ 2.00 MF$ 0.50

NUKLEAR-CHEMIE UND-METALLURGIE G.M.B.H., WOLFGANG BEI HANNEU AM MAIN. (GERMANY).
PRODUCTION OF UO2 POWDERS OF HIGH BULK DENSITY BY MELTING AND GRINDING AND THEIR PROCESSING INTO FUEL ELEMENTS.
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50

OAK RIDGE INST. OF NUCLEAR STUDIES, INC., TENN.
ELECTRODEPOSITION OF ACTINIDES AND LANTHANIDES.
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50

OAK RIDGE NATIONAL LAB., TENN.
ECONOMIC ASPECTS OF NUCLEAR DESALINATION.
ORNL-P-1278 18L U 41 08 HC$ 1.00 MF$ 0.50

ATOMIC TRANSPORT PROBLEMS OF INTEREST IN NUCLEAR SYSTEMS.
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50

RECOVERY OF 137 CS FROM FISSION-PRODUCT WASTES AND TRANSPORT BY AN ALUMINOSILICATE ION EXCHANGER.
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50

CHEMICAL TECHNOLOGY DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING MAY 31, 1965.
ORNL-3830 7A U 41 08 HC$ 7.00 MF$ 1.50

NUCLEAR SAFETY PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING JUNE 30, 1965.
ORNL-3843 18B U 41 07 HC$ 6.00 MF$ 1.00

HEALTH PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING JULY 31, 1965.
ORNL-3849 6R U 41 07 HC$ 6.00 MF$ 1.25

NEUTRON PHYSICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING AUGUST 1, 1965.
ORNL-3858, VOL. 1 20H U 41 07 HC$ 2.00 MF$ 0.50

ORNL-3858, VOL. 2 20H U 41 07 HC$ 3.00 MF$ 0.75

REVIEW OF ORNL ELECTROMAGNETIC SEPARATIONS PROGRAM,
ORNL-3861 18B U 41 07 HC$ 3.00 MF$ 0.50

PILOT PLANT DEMONSTRATION OF THE DECONTAMINATION OF LOW-LEVEL PROCESS WASTES BY A RECYCLE SCAVENGING-PRECIPITATION IONEXCHANGE PROCESS.
ORNL-3863 7A U 41 08 HC$ 2.00 MF$ 0.50

ACID LEACHING OF PRODUCTS FROM THE FLUIDIZED-BED COMBUSTION OF GRAPHITE-BASE REACTOR FUELS AND THE HF-O 2 DISINTEGRATION OF STAINLESS STEEL-AND ZIRCONIUM-CLAD OXIDE FUELS,
ORNL-3876 7B U 41 07 HC$ 2.00 MF$ 0.50

FORTRAN PROGRAMS FOR THE CLEBSCH-GORDAN AND RACAH COEFFICIENTS AND THE NINE-J SYMBOL,
ORNL-3877 9B U 41 07 HC$ 1.00 MF$ 0.50

RADIATION METALLURGY SECTION, SOLID STATE DIVISION PROGRESS REPORT FOR PERIOD ENDING AUGUST 1965.
ORNL-3878 18J U 41 08 HC$ 3.00 MF$ 0.75

SEMIANNUAL CONTRACT PROGRESS REPORT TO THE NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, MARCH 1-SEPTEMBER 15, 1965,
ORNL-3883 6M U 41 07 HC$ 2.00 MF$ 0.50

ON THE BOUND STATES OF AN ELECTRON IN THE FIELD OF A PERMANENT ELECTRIC DIPOLE,
ORNL-3895 20H U 41 08 HC$ 3.00 MF$ 0.50

SNAP-8 CORROSION PROGRAM SUMMARY REPORT,
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25

OFFICE OF NAVAL RESEARCH, WASHINGTON, D. C.
DIRECTORY OF DEPARTMENT OF DEFENSE INFORMATION ANALYSIS CENTERS.
AD-628 895 5B T 66 08 MF$ 0.50

INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 5. PIECE-WISE LINEAR METHODS AND ABSOLUTE STABILITY.
AD-628 954 12B T 66 08 HC$ 6.00 MF$ 1.50

INVESTIGATION OF NONLINEAR CONTROL SYSTEMS. PART 6. EXTREMAL SYSTEMS AND INTRODUCTION OF STATISTICAL DATA.
AD-628 955 12B T 66 08 HC$ 6.00 MF$ 1.50

OFFICE OF THE SURGEON GENERAL (AIR FORCE), WASHINGTON, D. C.
ANNUAL REPORT OF THE USAF MEDICAL SERVICE (11TH), 1 JULY 1963-30 JUNE 1964.
AD-629 355 6E T 66 08 HC$ 5.00 MF$ 1.00

OHIO RIVER DIV. LABS., CINCINNATI.
LOCKBOURNE NO. 2. 300,000 POUND EXPERIMENTAL MAT. REPORT OF CONSTRUCTION.
AD-628 902 13B T 66 08 HC$20.30 MF$ 1.25

OHIO RIVER DIV. LABS., MARIEMONT.
LOCKBOURNE NO. 1 - TEST TRACK, ACCELERATED TRAFFIC TESTS OF CONCRETE PAVEMENTS.
AD-628 286 13B T 66 07 HC$11.60 MF$ 0.75

OHIO RIVER DIV. LABS., MARIEMONT. RIGID PAVEMENT LAB.
LOCKBOURNE NO. 3, OVERLAY MAT, PAVEMENT OVERLAY INVESTIGATION.
AD-628 140 13B T 66 07 MF$ 0.75

LOCKBOURNE NO. 1 - TEST TRACK, REPORT OF RECONSTRUCTION.
AD-628 290 13B T 66 07 HC$ 6.60 MF$ 0.75

LOCKBOURNE NO. 2, MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 357 13B T 66 07 HC$ 7.60 MF$ 0.75

LOCKBOURNE TEST TRACK.
AD-628 359 13B T 66 07 HC$23.40 MF$ 1.25

LOCKBOURNE NO. 3 PAVEMENT OVERLAY INVESTIGATION.
AD-628 692 13B T 66 07 HC$23.10 MF$ 1.25

LOCKBOURNE NO. 2 MODIFICATION MULTIPLE WHEEL STUDY.
AD-628 837 13B T 66 07 HC$21.40 MF$ 1.25

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS.
RESEARCH ON ROTATING RF FIELD PLASMA.
AD-628 930 20I T 66 08 HC$ 1.60 MF$ 0.50

AURAL DETECTION AND IDENTIFICATION OF THE PRESENCE OF PERSONNEL.
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS.
REACTIONS OF CHLOROCARBONIUM IONS.
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS. ANTENNA LAB.
STIMULATED BRILLOUIN SCATTERING IN ANISOTROPIC MEDIA AND OBSERVATION OF PHONONS.
AD-466 176 20E U 41 08 HC$ 1.00 MF$ 0.50

PARAMETRIC EXCITATION OF ACOUSTIC WAVES IN STIMULATED BRILLOUIN SCATTERING.
AD-466 177 20E U 41 08 HC$ 2.00 MF$ 0.50

THEORETICAL CURVES OF BACKSCATTERING CROSS SECTIONS OF ROUGH SURFACES FOR SEVERAL POLARIZATION STATES USING TWO STATISTICAL MODELS,
N66-10957 20N U 41 08 HC$ 3.00 MF$ 0.50

OHIO STATE UNIV. RESEARCH FOUNDATION, COLUMBUS. DEPT. OF ELECTRICAL ENGINEERING.
AN INTERFEROMETRIC RECEIVER FOR SUBMILLIMETER RADIOMETRY,
N66-10882 14B U 41 08 HC$ 5.00 MF$ 1.00

OHIO STATE UNIV., COLUMBUS. DEPT. OF BOTANY AND PLANT PATHOLOGY.
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. III. VEGETATION OF NEOTOMA,
TID-21515 6F U 41 08 HC$ 4.00 MF$ 1.25

OHIO STATE UNIV., COLUMBUS. DEPT. OF CHEMISTRY.
ELECTRON-IMPACT ENERGY SPECTRA OF ACETONE AND 2-BUTANONE.
AD-628 904 7D T 66 08

OHIO. AGRICULTURAL EXPERIMENT STATION, WOOSTER.
BIOCLIMATIC AND SOILS INVESTIGATIONS IN FOREST ENVIRONMENTS. V. SOLAR RADIATION MEASUREMENTS AT NEOTOMA.
TID-21357 6F U 41 08 HC$ 3.00 MF$ 0.75

OKLAHOMA STATE UNIV., STILLWATER. DEPT. OF PHYSICS.
PHOTOELECTRONIC ANALYSIS OF IMPERFECTIONS IN GROWN STANNIC OXIDE SINGLE CRYSTALS,
AD-628 643 20B T 66 07

OKLAHOMA STATE UNIV., STILLWATER. RESEARCH FOUNDATION.
SHEAR WAVE PROPAGATION IN BIREFRINGENT VISCOELASTIC LIQUIDS OF LOW RIGIDITY AND LOW VISCOSITY.
AD-629 179 20K T 66 08 HC$ 2.00 MF$ 0.50

ESTIMATES OF ELECTRICITY SALES BY UTILITIES, BY COUNTY AND CLASS OF SERVICE, OKLAHOMA, 1950 AND 1960,
N66-11744 13B U 41 08 HC$ 3.00 MF$ 0.50

OKLAHOMA STATE UNIV., STILLWATER. SCHOOL OF CIVIL ENGINEERING.
VISCOSITY STUDIES ON DISTILLED WATER AND WEAK SOLS OF POLYETHYLENOXIDE USING THE FALLING CYLINDER VISCOMETER AT OKLAHOMA STATE UNIVERSITY.
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50

OKLAHOMA UNIV. RESEARCH INST., NORMAN.
MICROWAVE SPECTRUM AND INTERNAL ROTATION OF METHYLTHIOCYANATE.
AD-628 862 7D T 66 07

OKLAHOMA UNIV., NORMAN.
LIFETIME STUDIES OF THE RADIATIVE DISSOCIATION OF EXCITED H2,
AD-628 348 7D T 66 07

OKLAHOMA UNIV., NORMAN. DEPT. OF PHYSICS.
COLLISIONAL TRANSFER OF EXCITATION ENERGY IN HELIUM,
AD-628 229 7D T 66 07

ELECTRON EXCITATION CROSS SECTION OF THE 3-DOUBLET-S TO 3-DOUBLET-P TRANSITION OF SODIUM,
AD-628 406 7D T 66 07

THEORY OF THE EXCITATION OF THE 4686-A LINE OF HE(+) BY ELECTRON IMPACT,
AD-628 407 7D T 66 07

OKLAHOMA UNIV., RESEARCH INST., NORMAN.
LINEWIDTHS OF THE MICROWAVE INVERSION SPECTRUM OF AMMONIA.
AD-628 642 7D T 66 07

OPERATIONS RESEARCH, INC., SILVER SPRING, MD.
MEASURES FOR THE IMPROVEMENT OF SAFETY IN ARMY AVIATION.
AD-629 642 18 T 66 08 HC$11.60 MF$ 0.75

OREGON STATE UNIV., CORVALLIS.
MICROORGANISM STUDY PROGRESS REPORT,
N66-10773 6M U 41 08 HC$ 3.00 MF$ 0.50

OREGON STATE UNIV., CORVALLIS. DEPT. OF CHEMISTRY.
STRUCTURES AND DYNAMICS OF MOLECULES BY ELECTRON DIFFRACTION.
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50

OREGON STATE UNIV., CORVALLIS. DEPT. OF FOOD SCIENCE AND TECH.
EFFECT OF IRRADIATION ON THE MICROBIAL FLORA SURVIVING IRRADIATION PASTEURIZATION OF SEAFOODS,
TID-22289 6H U 41 08 HC$ 3.00 MF$ 0.50

OREGON UNIV., EUGENE. DEPT. OF PHYSICS.
CONNECTED-DIAGRAM EXPANSION OF TRANSPORT COEFFICIENTS, II. QUANTUM GAS OBEYING CLASSICAL STATISTICS.
AD-628 248 20J T 66 07 HC$ 2.00 MF$ 0.50

OSLO UNIV. (NORWAY). INST. FOR THEORETICAL PHYSICS.
EXACT QUANTUM DYNAMICAL SOLUTIONS FOR OSCILLATOR-LIKE SYSTEMS,
AD-628 414 20J T 66 07

ELECTRONIC STRUCTURE AND ENERGY LEVELS OF MANY ELECTRON

ATOMS.
AD-628 922 20J T 66 08 HC$ 1.10 MF$ 0.50

OXFORD UNIV. (ENGLAND). DEPT. OF PHARMACOLOGY.
THE ADENOSINE-TRIPHOSPHATASE ACTIVITY OF ADRENAL CHROMAFFIN,
AD-629 258 6A T 66 08

THE AMINE OXIDASE OF PIG PLASMA IN COPPER DEFICIENCY,
AD-629 259 6A T 66 08

OXFORD UNIV. (ENGLAND). DEPT. OF THEORETICAL PHYSICS.
EFFECTIVE INTERACTIONS IN FINITE NUCLEI,
AD-629 703 20H T 66 08

PACAF EPIDEMIOLOGICAL LAB., SAN FRANCISCO, CALIF. 96274. EPIDEMIOLOGICAL FLIGHT (5TH).
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, R. P. II. A COMPREHENSIVE MOSQUITO SURVEY.
AD-628 105 6F T 66 07 HC$14.60 MF$ 1.00

KEYS TO THE ADULT FEMALE AND LARVAL ANOPHELINE MOSQUITOES OF THE PHILIPPINES.
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75

PACIFIC GEEIA REGION, SAN FRANCISCO, CALIF. EMC AND MEASUREMENTS BRANCH.
ELECTROMAGNETIC ENVIRONMENTAL SURVEY, KUNSAN AB, KOREA, 5 OCTOBER 1965 - 24 OCTOBER 1965.
AD-628 227 17B T 66 07 HC$ 2.00 MF$ 0.75

PACIFIC NAVAL LAB., ESQUIMALT (BRITISH COLUMBIA).
AMBIENT NOISE UNDER ARCTIC-SEA ICE,
AD-628 304 20A T 66 07

PACIFIC NAVAL LAB., ESQUIMAULT (BRITISH COLUMBIA).
TEMPERATURE-AND WIND-DEPENDENT AMBIENT NOISE UNDER MIDWINTER PACK ICE.
AD-629 276 20A T 66 08

PACIFIC SCIENCE BOARD, NATIONAL RESEARCH COUNCIL, WASHINGTON, D. C.
TERRESTRIAL SEDIMENTS AND SOILS OF THE NORTHERN MARSHALL ISLANDS,
AD-628 150 8G T 66 07 HC$ 6.00 MF$ 1.25

PALOMAR OBSERVATORY, PASADENA, CALIF.
STUDIES OF THE PECULIAR A STARS. II. THE SILICON-ABUNDANCE ANOMALY,
AD-629 036 3B T 66 08

EFFECTIVE TEMPERATURES AND GRAVITIES OF AP, AM, AND NORMAL A-TYPE STARS,
AD-629 376 3B T 66 08

PARKE MATHEMATICAL LABS., INC., CARLISLE, MASS.
FURTHER RESULTS ON ACOUSTIC RADIATION FROM A FINITE CYLINDER.
AD-628 127 20A T 66 07 HC$ 3.00 MF$ 0.75

THE SARDINAS/PATTERSON AND LEVENSHTEIN THEOREMS,
AD-629 539 9D T 66 08 HC$ 2.00 MF$ 0.50

PARKER AIRCRAFT CO., LS ANGELES, CALIF.
ELECTRO-PNEUMATIC ACTUATION SYSTEM.
N66-10930 13G U 41 08 HC$ 2.00 MF$ 0.50

PARMA UNIV., (ITALY). INST. OF HUMAN PHYSIOLOGY.
PHYSIOLOGY OF CENTRAL VISUAL PATHWAYS.
AD-628 081 6P T 66 07 HC$ 3.00 MF$ 0.50

PAVIA UNIV. (ITALY). ISTITUTO DI GENETICA.
VALUE OF INDUCED MUTATIONS FOR QUANTITA- TIVE CHARACTERS IN PLANT BREEDING.
CONF 551-3 6C U 41 08 HC$ 1.00 MF$ 0.50

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK, DEPT. OF CHEMISTRY.
THE CHEMISTRY OF C-1 GROUND STATE, 3P,
AD-629 050 7C T 66 08

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.
INTEGRAL REPRESENTATIONS FOR HARMONIC FUNCTIONS IN THREE REAL VARIABLES,
AD-628 524 12A T 66 07

EXPERIMENTAL INVESTIGATIONS ON THE DYNAMIC COMPRESSIBILITIES OF POLYMERIC MATERIALS,
AD-628 716 20K T 66 07

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. COLL. OF MINERAL INDUSTRIES.
THERMODYNAMIC PROPERTIES OF SOLID SOLUTIONS AT HIGH TEMPERATURES.
TID-21569 11F U 41 08 HC$ 1.00 MF$ 0.50

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF PSYCHOLOGY.
INCIDENTAL LEARNING WITH WORD PAIRS VARYING IN ASSOCIATIVE OVERLAP AND CATEGORY MEMBERSHIP.
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF CHEMISTRY.
THE CHEMISTRY OF C-1 METASTABLE STATES, 1-D AND 1-S,
AD-629 049 7C T 66 08

SELECTIVITY OF GROUND-STATE C1 AND TRIPLET-STATE CYCLOPROPYLIDENE IN OLEFIN ADDITION REACTIONS,
AD-629 052 7C T 66 08

REACTIONS OF CARBON VAPOR. I. REACTIONS OF TRIATOMIC CARBON WITH OLEFINS,
AD-629 063 7C T 66 08

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF PHYSICS.
FIELD IONIZATION OF AN ATOM NEAR A METAL SURFACE,
AD-629 676 20H T 66 08

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF ENGINEERING MECHANICS.
STRESS-STRAIN BEHAVIOR OF AN INERT COMPOSITE PROPELLANT FOR MULTIAXIAL LOADING CONDITIONS,
N66-10614 21I U 41 08 HC$ 2.00 MF$ 0.50

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF METEOROLOGY.
SYNOPTIC APPLICATIONS OF INFRARED SATELLITE DATA.
PB-169 238 4B U 41 07 HC$ 2.00 MF$ 0.50

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. MATERIALS RESEARCH LAB.
EXSOLUTION OF BETA-GA203 CRYSTALLINE SOLUTIONS IN THE SYSTEM MGA1204-GA203,
AD-629 699 11B T 66 08

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF PSYCHOLOGY.
SOME OBSERVATIONS ON THE USE OF FREE WORD ASSOCIATIONS IN THE SELECTION OF WORDS IN THE CONSTRUCTION OF SENTENCES.
AD-628 850 5J T 66 07 HC$ 1.00 MF$ 0.50

SOME DATA ON CONTROLLED ASSOCIATION.
AD-628 851 5J T 66 07 HC$ 1.00 MF$ 0.50

FURTHER STUDY OF ASSOCIATIVE REACTIONS TO COMPOUND VERBAL STIMULI.
AD-628 853 5J T 66 07 HC$ 1.00 MF$ 0.50

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. IONOSPHERE RESEARCH LAB.
THE MEASUREMENT OF PHASE AND AMPLITUDE RADIO WAVE INTERACTION AT UNIVERSITY PARK, PENNSYLVANIA, JULY - AUGUST - SEPTEMBER, 1965,
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50

ROCKET INSTRUMENTATION FOR THE MEASUREMENT OF D-REGION ELECTRON DENSITY AND COLLISION FREQUENCIES.
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50

PENNSYLVANIA UNIV., PHILADELPHIA, PA. DEPT. OF PHYSICS.
WICK AND GOLDSTONE THEOREMS FOR GENERAL SPIN: ANTIFERROMAGNETIC SPIN WAVES II.
AD-629 141 20J T 66 08 HC$ 2.60 MF$ 0.50

PENNSYLVANIA UNIV., PHILADELPHIA. ELECTRO-CHEMISTRY LAB.
REVERSIBLE OXYGEN ELECTRODES.
AD-628 171 10B T 66 07 HC$ 3.60 MF$ 0.50

PERKIN-ELMER CORP., NORWALK, CONN. ELECTRO-OPTICAL DIV.
INFLUENCE OF ATMOSPHERIC TURBULENCE ON AZIMUTH LAYING TECHNIQUES.
N66-10884 17G U 41 08 HC$ 5.00 MF$ 1.00

PERSONNEL RESEARCH LAB. (6570TH), AEROSPACE MEDICAL DIV., LACKLAND AFB, TEX.
USAF OFFICER EVALUATION SYSTEM SURVEY: ATTITUDES AND EXPERIENCE,
AD-628 551 5I T 66 07 HC$ 8.60 MF$ 0.75

CLASSIFICATION OF INFORMATION TOPICS BY CLUSTERING INTEREST PROFILES,
AD-628 597 5I T 66 07 HC$ 1.60 MF$ 0.50

SET AND CONTENT SCORES FOR PERSONALITY SCALES AND RESPONSE STYLES IN THE MMPI,
AD-628 951 5J T 66 08

IDENTIFICATION OF JOB REQUIREMENT FACTORS BY USE OF SIMULATED JOBS,
AD-628 952 5I T 66 08

EVOLUTION OF A JOB INVENTORY AND TRYOUT OF TASK RATING FACTORS,
AD-629 573 5I T 66 08 HC$ 3.60 MF$ 0.50

A METHOD FOR ESTABLISHING USAF RECRUITING SERVICE GROUP ENLISTMENT OBJECTIVES BASED ON APTITUDE AND INTEREST CHARACTERISTICS,
AD-629 574 5I T 66 08 HC$ 2.60 MF$ 0.50

OFFICER GRADE REQUIREMENTS PROJECT. II. JOB DESCRIPTIONS, SAMPLE SELECTION, AND CRITERION BOARD,
AD-629 575 5I T 66 08 HC$ 4.60 MF$ 0.50

PHILCO CORP., LANSDALE, PA.
RESEARCH AND DEVELOPMENT LOW COST INTEGRATED CIRCUIT TECHNIQUES.
AD-628 618 9A T 66 07 HC$ 7.60 MF$ 0.75

PHILCO CORP., PALO ALTO, CALIF.
THE SCHEDULE OF MEASUREMENTS FOR ANALYSIS OF AN ONBOARD NAVIGATION SYSTEM,
N66-10690 17G U 41 08 HC$ 2.00 MF$ 0.50

PHILIPS PETROLEUM CO., IDAHO FALLS, IDAHO. ATOMIC ENERGY DIV.
DEVELOPMENT OF A CONTINUOUS ELECTROLYTIC PROCESS FOR RECOVERY OF URANIUM FROM HIGH-ENRICHED STAINLESS STEEL AND NICHROME FUELS,
IDO-14643 18J U 41 07 HC$ 3.00 MF$ 0.75

PHILLIPS PETROLEUM CO. IDAHO FALLS, IDAHO. ATOMIC ENERGY DIV.
LIMITED-ENERGY NEUTRON SOURCES PRODUCED BY THE DECAY OF EXCITED NUCLEI.
IDO-17115 20H U 41 07 HC$ 3.00 MF$ 0.75

PHILLIPS PETROLEUM CO. IDAHO FALLS, IDAHO. ATOMIC ENERGY DIV.
SAFETY ANALYSIS REPORT SNAPTRAN 2/10A-1 AND-2 SAFETY TESTS.
IDO-17076 18N U 41 08 HC$ 5.00 MF$ 1.00

PHILLIPS PETROLEUM CO., IDAHO FALLS, IDAHO. ATOMIC ENERGY DIV.
ICPP PROCESSING OF VBWR STAINLESS STEEL FUEL.
IDO-14658 18J U 41 08 HC$ 2.00 MF$ 0.50

A PRACTICAL SIMULTANEOUS ALPHA-BETA COUNTER FOR APPLIED HEALTH PHYSICS.
IDO-17122 6R U 41 07 HC$ 1.00 MF$ 0.50

PHYLATRON CORP., COLUMBUS, OHIO.
DEVELOPMENT OF A HIGH-SENSITIVITY FAST NEUTRON DOSIMETER.
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50

PICATINNY ARSENAL, DOVER, N. J.
FRICTION PENDULUM.
AD-628 958 19A T 66 08 HC$ 1.60 MF$ 0.50

PICATINNY ARSENAL, DOVER, N. J. PYROTECHNICS LAB.
DEVELOPMENT OF COLOR MARKER HEADS FOR THE 2.75-INCH ROCKET.
AD-629 037 19A T 66 08 HC$ 9.60 MF$ 0.75

PILLSBURY MILLS, INC., MINNEAPOLIS, MINN.
ALL PURPOSE MATRICES FOR COMPRESSED FOOD BARS.
AD-628 377 6H T 66 07 HC$ 4.00 MF$ 1.00

PISA UNIV. (ITALY).
METODI ANALITICI PER VARIETA ABELIANE IN CARATTERISTICA POSITIVA. CAPITOLI 3, 4 (ANALYTICAL METHODS FOR ABELIAN VARIETIES IN POSITIVE CHARACTERISTICS. CHAPTERS 3, 4).
AD-628 350 12A T 66 07

PISA UNIV. (ITALY). INSTITUTO DI FISIOLOGIA.
RETINAL GANGLION CELL ACTIVITY IN CATS DURING DARK ADAPTATION.
AD-628 352 6P T 66 07

AFFERENT CONNECTIONS TO RETICULO-SPINAL NEURONS.
AD-629 207 6P T 66 08

PISA UNIV. (ITALY). ISTITUTO DI FISIOLOGIA.
ON THE ORIGIN OF THE DARK DISCHARGE OF RETINAL GANGLION CELLS.
AD-628 354 6P T 66 07

RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. III. ELECTRORETINOGRAPHIC RESPONSES TO POLARIZED LIGHT.
AD-628 376 6C T 66 07

INTRACELLULAR RECORDING FROM NEURONES OF THE RETICULAR FORMATION.
AD-628 378 6P T 66 07

OCULAR PHENOMENA DURING SYNCHRONIZED AND DESYNCHRONIZED SLEEP (LES PHENOMENES OCULAIRES AU COURS DU SOMMEIL SYNCHRONISE ET DESYNCHRONISE).
AD-628 379 6P T 66 07

THE PROPERTIES OF RETICULO-SPINAL NEURONS.
AD-629 204 6P T 66 08

SUBCORTICAL AND PERIPHERAL CONTROL OF BRAIN STEM RETICULAR NEURONS.
AD-629 205 6P T 66 08

CORTICAL CONTROL OF BRAIN STEM RETICULAR NEURONS.
AD-629 206 6P T 66 08

PITMAN-DUNN RESEARCH LABS., FRANKFORD ARSENAL, PHILADELPHIA, PA.
FEASIBILITY OF USING ELECTROSTATIC METHODS TO DETECT MOTION OF HUMAN BEINGS OR OTHER NEARBY OBJECTS.
AD-629 104 17F T 66 08 HC$ 2.00 MF$ 0.50

CRACK RESISTANCE PROPERTIES OF HIGH STRENGTH ALUMINUM ALLOYS.
AD-629 105 11F T 66 08 HC$ 3.00 MF$ 0.75

PITTSBURGH UNIV., PA.
RESEARCH IN GRAVITATIONAL RADIATION AND SPACE TIME.
AD-432 200 20J U 41 08 HC$ 3.00

APPLICATIONS OF MODERN DEVELOPMENTS IN SCATTERING THEORY TO ATOMIC COLLISION PROBLEMS.
AD-628 812 20H T 66 07 HC$ 2.60 MF$ 0.50

PITTSBURGH UNIV., PA. DEPT. OF CHEMISTRY.
THE REACTIONS OF 2- AND 4-PICOLINE N-OXIDE WITH PHENYLACETIC ANHYDRIDE.
AD-629 711 7C T 66 08

PITTSBURGH UNIV., PA. DEPT. OF PHYSICS.
DISSOCIATIVE RECOMBINATION IN NEON: SPECTRAL LINE-SHAPE STUDIES.
AD-628 658 7D T 66 07

EFFECT OF SURFACE PINNING ON THE MAGNETIZATION OF THIN FILMS.
AD-629 654 20L T 66 08

ELECTRICAL AND THERMAL RESISTIVITIES OF THE NON-MAGNETIC TRANSITION METALS WITH A TWO-BAND MODEL.
AD-629 655 20J T 66 08

MEASUREMENT BY NMR OF THE DIFFUSION RATE OF HF IN ICE.
AD-629 656 7D T 66 08

VARIATIONAL APPROACHES TO THE ANTIFERROMAGNETIC LINEAR CHAIN.
AD-629 657 20L T 66 08

PITTSBURGH UNIV., PA. SCHOOL OF MEDICINE.
A STUDY OF ARTIFICIAL RESPIRATION AND RESUSCITATION.
AD-466 296 6E U 41 07 HC$ 1.00 MF$ 0.50

PLANNING RESEARCH CORP., LOS ANGELES, CALIF.
RELIABILITY ASSESSMENT OF THE GEOS A POWER SUPPLY.
N66-12868 22B U 41 08 HC$ 1.00 MF$ 0.50

POLITECNICO DI TORINO (ITALY). ISTITUTO DI MECCANICA APPLICATA.
DISSOCIATION EFFECTS ON THE STAGNATION REGION PAST AN AXISYMMETRIC BLUNT BODY IN A HIGH MACH NUMBER AND LOW REYNOLDS NUMBER HYPERSONIC FLOW.
AD-628 142 20D T 66 07

THEORETICAL INVESTIGATIONS ON THE BOUNDARY LAYER WITH PRESSURE GRADIENT.
AD-629 212 20D T 66 08 HC$ 2.60 MF$ 0.50

POLYTECHNIC INST. OF BROOKLYN, FARMINGDALE, N. Y.
NONLINEAR EFFECTS IN THE TWO-STREAM INSTABILITY.
AD-628 729 20I T 66 07

ANALYSIS AND SYNTHESIS OF NON-UNIFORM TRANSMISSION LINES INCORPORATING LOSS.
AD-629 172 9A T 66 08

POLYTECHNIC INST. OF BROOKLYN, FARMINGDALE, N. Y. DEPT. OF ELECTRICAL ENGINEERING.
APPLICATION OF GAME THEORY TO THE SENSITIVITY DESIGN OF SYSTEMS WITH OPTIMAL CONTROLLER STRUCTURES.
AD-628 296 12B T 66 07 HC$ 1.60 MF$ 0.50

POLYTECHNIC INST. OF BROOKLYN, N. Y. DEPT. OF AEROSPACE ENGINEERING AND APPLIED MECHANICS.
SOLUTION OF A NON-LINEAR BOUNDARY VALUE PROBLEM IN FLUID MECHANICS USING A VARIATIONAL METHOD.
AD-629 629 20D T 66 08 HC$ 8.60 MF$ 0.75

POLYTECHNIC INST. OF BROOKLYN, N. Y. MICROWAVE RESEARCH INST.
A SUMMARY OF CURRENT RESEARCH IN THE MICROWAVE RESEARCH INSTITUTE PROGRAMS.
AD-467 353 9C U 41 08 HC$ 5.00 MF$ 1.00

RAY THEORY OF OPTICAL RESONATORS AND BEAM WAVEGUIDES.
AD-628 355 20F T 66 07 HC$ 2.00 MF$ 0.50

A COMPARISON OF THE THRESHOLD PERFORMANCE OF THE FREQUENCY DEMODULATOR USING FEEDBACK AND THE PHASE LOCKED LOOP.
PB-169 206 9C U 41 07 HC$ 2.00 MF$ 0.50

POMONA COLL., CLAREMONT, CALIF.
SOME NOTES ON ULTRASOFT X-RAY FLUORESCENCE ANALYSIS, 10 TO 100 A REGION.
AD-628 745 20F T 66 07

POMONA COLL., CLAREMONT, CALIF. DEPT. OF PHYSICS.
OXYGEN DETERMINATIONS IN SILICATES AND TOTAL MAJOR ELEMENTAL ANALYSIS OF ROCKS BY SOFT X-RAY SPECTROMETRY.
AD-629 074 8G T 66 08

POULTER LABS., STANFORD RESEARCH INST., MENLO PARK, CALIF.
DETONATION CHARACTERISTICS OF LOW-DENSITY GRANULAR MATERIALS.
AD-628 989 19D T 66 08 HC$ 1.00 MF$ 0.50

POWER INFORMATION CENTER, PENNSYLVANIA UNIV., PHILADELPHIA.
STUDY PAPERS ON THE AUXILIARY ELECTRODE.
N66-11765 10A U 41 08 HC$ 3.00 MF$ 0.75

PRATT AND WHITNEY AIRCRAFT, EAST HARTFORD, CONN.
500-WATT FUEL-CELL POWER PLANT.
AD-628 159 10B T 66 07 HC$ 4.60 MF$ 0.50

TRANSIENT VIBRATION OF THIN PLASTIC SHELLS.
AD-628 623 20K T 66 07

PRATT AND WHITNEY AIRCRAFT, MIDDLETOWN, CONN. AIRCRAFT NUCLEAR ENGINE LAB.
GENERAL METHOD FOR ANALYZING REFRACTORY METAL ALLOYS USING THE VACUUM CUP ELECTRODE.
TIM-904 7D U 41 08 HC$ 2.00 MF$ 0.50

PRATT AND WHITNEY AIRCRAFT, MIDDLETOWN, CONN. AIRCRAFT NUCLEAR ENGINE LAB.
STATUS OF METHODS FOR DETERMINING CARBON, OXYGEN AND NITROGEN IN ALKALI METALS.
TIM-900 7B U 41 08 HC$ 1.00 MF$ 0.50

PRINCETON UNIV., N. J.
EXPERIMENTAL DATA ON ALUMINUM AS AN UNSTABLE SOLID.
AD-628 398 20K T 66 07

APPLICATION OF THE MAXIMUM PRINCIPLE TO THE DESIGN OF MINIMUM BANDWIDTH PULSES.
AD-629 408 9D T 66 08

ADAPTIVE SIGNAL RECONSTRUCTION.
AD-629 409 9D T 66 08

THE SOLUBILITY OF CALCITE IN AQUEOUS SOLUTIONS. I. THE SOLUBILITY OF CALCITE IN WATER BETWEEN 75 DEGREES AND 200 DEGREES AT CO2 PRESSURES UP TO 60 ATM.
PB-169 138 8D U 41 07 HC$ 3.00 MF$ 0.50

PRINCETON UNIV., N. J. DEPT. OF AEROSPACE AND MECHANICAL SCIENCES.
THERMOELASTICITY WHEN THE MATERIAL COUPLING PARAMETER EQUALS UNITY,
AD-628 258 20K T 66 07

IGNITION OF AN EVAPORATING FUEL IN A HOT OXIDIZING GAS, INCLUDING THE EFFECT OF HEAT FEEDBACK.
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50

A SURVEY OF V/STOL WIND TUNNEL WALL CORRECTIONS AND TEST TECHNIQUES,
AD-629 004 14B T 66 08 HC$ 3.00 MF$ 0.75

RESEARCH ON SOLID PROPELLANT COMBUSTION INSTABILITY.
AD-629 585 21I T 66 08 HC$ 3.60 MF$ 0.50

PRINCETON UNIV., N. J. DEPT. OF GEOLOGY.
SEMIFORMAL REPRESENTATION OF ORGANISMIC CONCEPTS,
AD-628 687 6C T 66 07

PRINCETON UNIV., N. J. DEPT. OF PSYCHOLOGY.
CONSENT DISCRIMINATION IN HUMANS,
AD-629 144 5J T 66 08

ABSOLUTE AND DIFFERENTIAL CUING OF SUCCESSIVE REVERSALS,
AD-629 146 5J T 66 08

PRINCETON UNIV., N. J. STATISTICAL TECHNIQUES RESEARCH GROUP.
A TAGGING SYSTEM FOR JOURNAL ARTICLES AND OTHER CITABLE ITEMS: A STATUS REPORT.
PB-169 211 5B U 41 07 HC$ 6.00 MF$ 1.50

PROTECTIVE STRUCTURES DEVELOPMENT CENTER, FORT BELVOIR, VA.
FAMILY SHELTER WOOD A-FRAME.
AD-629 736 15C T 66 08 HC$ 1.60 MF$ 0.50

PSYCHOLOGICAL SERVICES, INC., LOS ANGELES, CALIF.
THE TROUBLE LOCATOR: A TROUBLESHOOTING AID FOR A COMPLEX ELECTRONIC SYSTEM.
PB-169 205 5I U 41 07 HC$ 1.00 MF$ 0.50

PSYCHOPHYSICS LAB., UNIV. OF WASHINGTON, SEATTLE.
A NOTE ON SOME ALTERNATIVE MODELS FOR RESPONSE BIAS CHANGES DURING FORCED-CHOICE DETECTION EXPERIMENTS.
AD-629 677 5J T 66 08 HC$ 1.60 MF$ 0.50

STUDIES OF THE CONSTANT ERROR.
AD-629 678 5J T 66 08 HC$ 4.60 MF$ 0.50

ON THE INADEQUACIES OF A LIMITED-STATE THEORY OF THE THRESHOLD.
AD-629 679 5J T 66 08 HC$ 1.60 MF$ 0.50

ON THE NATURE OF LAWS IN PSYCHOLOGY.
AD-629 680 5J T 66 08 HC$ 2.60 MF$ 0.50

PUBLIC HEALTH SERVICE, LAS VEGAS, NEV.
OFF-SITE SURVEILLANCE.
AD-629 357 18C T 66 08 HC$ 3.00 MF$ 0.75

PUBLIC HEALTH SERVICE, WASHINGTON, D. C.
RADIATION LEVELS ABOARD COMMERCIAL JET AIRCRAFT RESULTING FROM ATMOSPHERIC NUCLEAR WEAPONS TESTS, NOVEMBER 1961 - DECEMBER 1962,
AD-628 970 18H T 66 08

PURDUE UNIV., LAFAYETTE, IND.
TRANSIENT COOLING OF A SPHERICAL MASS OF HIGH-TEMPERATURE GAS BY THERMAL RADIATION,
AD-629 420 20M T 66 08

PURDUE UNIV., LAFAYETTE, IND. SCHOOL OF AERONAUTICAL AND ENGINEERING SCIENCES.
STUDY OF RECIRCULATING GAS FLOW FIELDS IN THE BASE REGION OF SATURN-CLASS VEHICLES.
N66-10888 20D U 41 08 HC$ 3.00 MF$ 0.75

PURDUE UNIV., LAFAYETTE, IND. SCHOOL OF ELECTRICAL ENGINEERING.
THE THEORETICAL AND NUMERICAL DETERMINATION OF THE RADAR CROSS SECTION OF A FINITE CONE.
AD-628 633 17I T 66 07

SEMI-ANNUAL RESEARCH SUMMARY (3RD), JULY-DECEMBER 1965,
AD-628 864 5A T 66 07 HC$ 6.00 MF$ 1.25

A STATISTICAL FORMULATION OF THE ESTIMATION AND THE COMBINED IDENTIFICATION AND CONTROL PROBLEMS. WORST CASE INITIAL CONDITION.
N66-10615 12A U 41 08 HC$ 3.00 MF$ 0.50

PURDUE UNIV., LAFAYETTE, IND. SCHOOL OF MECHANICAL ENGINEERING.
CONTINUOUS MEASUREMENT OF SOLID PROPELLANT BURNING RATES,
AD-629 070 21I T 66 08

QUALITY EVALUATION LAB., NAVAL AMMUNITION DEPOT, CRANE, IND.
EVALUATION PROGRAM FOR SECONDARY SPACECRAFT CELLS.
ACCEPTANCE TEST OF SONOTONE,
N66-11672 10C U 41 08 HC$ 1.00 MF$ 0.50

QUEEN MARY COLL., UNIV. OF LONDON (ENGLAND).
IDEALISED PROBLEMS CONCERNING THE MOTION OF CYLINDRICAL PLASMA SHEETS IN A MAGNETIC FIELD, WITH APPLICATIONS OF GEOPHYSICAL INTEREST,
AD-628 320 8N T 66 07 HC$ 2.00 MF$ 0.50

QUEENS LAB., INC., EDISON, N. J.
RESEARCH ON LOW FREQUENCY MEASUREMENTS.
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50

QUEEN'S UNIV., BELFAST (NORTHERN IRELAND). DEPT. OF PHYSICS.
PLASMA OSCILLATIONS.
AD-628 327 20I T 66 07 HC$ 1.00 MF$ 0.50

QUEEN'S UNIV., BELFAST (NORTHERN IRELAND). DEPT. OF APPLIED MATHEMATICS.
RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE.
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00

RESEARCH ON PHYSICS OF THE UPPER ATMOSPHERE, SUPPLEMENT.
AD-628 498 4A T 66 07 HC$14.80 MF$ 1.00

THE CROSS SECTIONS FOR IONIZATION OF THE EXCITED STATES OF ATOMIC HYDROGEN BY HIGH ENERGY ELECTRONS,
AD-628 656 7D T 66 07

RADIO CORP. OF AMERICA, CAMDEN, N. J.
RANDOM ACCESS CONTROL OF ELECTROLUMINESCENT ELEMENTS.
AD-628 886 9C T 66 08 HC$ 7.60 MF$ 0.75

RADIO CORP. OF AMERICA, CAMDEN, N. J. DEFENSE ELECTRONIC PRODUCTS.
HIGH PERFORMANCE THIN FILMS FOR MICROCIRCUITS (CAPACITORS).
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50

MICROELECTRONIC SOLID-STATE DISPLAY ASSEMBLY.
AD-629 596 9E T 66 08 HC$ 2.60 MF$ 0.50

RADIO CORP. OF AMERICA, CAMDEN, N. J. COMMUNICATIONS SYSTEMS DIV.
MODULES (INTEGRATED CIRCUITS) FOR COMMUNICATIONS.
AD-628 117 9E T 66 07 HC$ 4.60 MF$ 0.50

RADIO CORP. OF AMERICA, HARRISON, N. J. ELECTRONIC COMPONENTS AND DEVICES.
A LOW-NOISE, MULTIPLE-FUNCTION, X-BAND TRAVELING-WAVE TUBE.
AD-628 353 9A T 66 07 HC$ 2.00 MF$ 0.50

RADIO CORP. OF AMERICA, LANCASTER, PA. ELECTRONIC COMPONENTS AND DEVICES.
IMPROVED PULSED PHOSPHORS.
AD-629 162 20C T 66 08 HC$ 4.00 MF$ 0.75

RADIO CORP. OF AMERICA, MOORESTOWN, N. J. MISSILE AND SURFACE RADAR DIV.
TRANSVERSE ANTENNA FEEDS.
AD-628 500 9E T 66 07 HC$ 7.60 MF$ 0.75

TRASVERSE FOCAL REGION FIELDS OF A SPHERICAL REFLECTOR.
AD-628 502 9E T 66 07 HC$ 9.60 MF$ 0.75

RADIO CORP. OF AMERICA, PRINCETON, N. J. DEFENSE ELECTRONIC PROJECTS.
ADSORPTION OF CESIUM ON INSULATORS,
N66-12163 20J U 41 08 HC$ 2.00 MF$ 0.50

RADIO CORP. OF AMERICA, SOMERVILLE, N. J. ELECTRONIC COMPONENTS AND DEVICES.
DEVELOPMENT OF A 50-WATT, 80-MC LINEAR AMPLIFIER TRANSISTOR.
AD-629 246 9A T 66 08 HC$ 4.00 MF$ 0.75

RADIO CORP. OF AMERICA, SOMERVILLE, N. J. ELECTRONIC COMPONENTS AND DEVICES.
STRUCTURES FOR 300-WATT, 400MHZ UHF POWER TRANSMISSION.
AD-628 712 9A T 66 07 HC$ 2.00 MF$ 0.50

RAND CORP, SANTA MONICA, CALIF.
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE I: GENERAL THEORY,
AD-628 330 20J T 66 07 HC$ 3.60 MF$ 0.50

RAND CORP., SANTA MONICA, CALIF.
HIGHLIGHTS OF THE FIRST TEN YEARS OF THE RAND EMPLOYEES FEDERAL CREDIT UNION (1955-1965),
AD-628 627 5C T 66 07 HC$ 3.00 MF$ 0.75

RAND CORP., SANTA MONICA, CALIF.
TOWARD FEDERAL PROGRAM BUDGETING,
AD-628 095 5C T 66 07 HC$ 2.60 MF$ 0.50

A PROPERTY OF SEQUENTIAL CONTROL PROCESSES,
AD-628 096 12B T 66 07 HC$ 1.60 MF$ 0.50

CONVECTIVE INSTABILITIES IN FULLY DEVELOPED FLOWS,
AD-628 098 20D T 66 07 HC$ 1.60 MF$ 0.50

FULL EMPLOYMENT POLICY AND ECONOMIC GROWTH,
AD-628 201 5C T 66 07 HC$ 2.60 MF$ 0.50

THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE II: NORMED NULL BASES,
AD-628 329 20J T 66 07 HC$ 4.60 MF$ 0.50

INTEGER PROGRAMMING BY IMPLICIT ENUMERATION AND BALAS' METHOD,
AD-628 361 12B T 66 07 HC$ 2.60 MF$ 0.50

THE ASSIGNMENT INTERFERENCE MODEL,
AD-628 381 12B T 66 07 HC$ 1.60 MF$ 0.50

UNITED STATES INTERESTS IN ASIA,
AD-628 484 5D T 66 07 HC$ 1.10 MF$ 0.50

EVALUATION OF THE DETERMINANTAL POLYNOMIAL OF A MATRIX OF POLYNOMIAL ELEMENTS AND AN APPLICATION TO ANTI RADAR,
AD-628 554 17I T 66 07 HC$ 4.00 MF$ 1.00

SCATTERING OF ELECTROMAGNETIC WAVES IN A SPINOR FORMALISM,
AD-628 616 20N T 66 07 HC$ 2.60 MF$ 0.50

ON THE CONTINUITY OF THE MINIMUM SET OF A CONTINUOUS FUNCTION,
AD-628 625 12B T 66 07 HC$ 6.60 MF$ 0.75

PROBLEMS IN THE STATISTICAL ANALYSIS OF SIMULATION EXPERIMENTS: THE COMPARISON OF MEANS AND THE LENGTH OF SAMPLE RECORDS,
AD-628 626 12A T 66 07 HC$ 2.60 MF$ 0.50

RED STAR SERIES ON ATOMIC WEAPONS AND ANTIATOMIC DEFENSE. PART V. ENGINEERING PREPARATION OF THE TERRAIN,
AD-628 726 15F T 66 07 HC$ 1.10 MF$ 0.50

NUMERICAL RESULTS FOR THE ESTIMATION OF SOURCE DISTRIBUTIONS FROM EXTERNAL RADIATION FIELD MEASUREMENTS,
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50

EQUATORIAL TRANSMISSION OF GEOMAGNETIC MICROPULSATIONS THROUGH THE IONOSPHERE AND LOWER EXOSPHERE,
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50

ESTIMATING COST UNCERTAINTY USING MONTE CARLO TECHNIQUES,
AD-629 082 14A T 66 08 HC$ 3.00 MF$ 0.50

THE LONGITUDINAL AND LATERAL RANGE OF HYPERSONIC GLIDE VEHICLES WITH CONSTANT BANK ANGLE,
AD-629 124 22B T 66 08 HC$ 5.60 MF$ 0.50

PROCEDURES FOR COMPARING THE CORRELATED OUTPUTS OF TWO AIR FORCE BASES,
AD-629 129 12B T 66 08 HC$ 3.60 MF$ 0.50

LOGISTICS SYSTEMS CAPACITY,
AD-629 131 15E T 66 08 HC$ 2.00 MF$ 0.50

INITIAL VALUE METHODS FOR THE BASIC BOUNDARY VALUE PROBLEM AND INTEGRAL EQUATION OF RADIATIVE TRANSFER,
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50

THE COMMON MARKET AND EUROPEAN UNIFICATION,
AD-629 133 5C T 66 08 HC$ 4.00 MF$ 0.75

INVARIANT IMBEDDING AND THE SOLUTION OF DIFFUSION EQUATIONS,
AD-629 169 20M T 66 08 HC$ 1.60 MF$ 0.50

JOHNNIAC EULOGY,
AD-629 222 9B T 66 08 HC$ 1.00 MF$ 0.50

INDIAN INDUSTRY: SOME PROPOSED AREAS OF RESEARCH,
AD-629 223 5C T 66 08 HC$ 1.10 MF$ 0.50

IS THE MARBLE CANYON PROJECT ECONOMICALLY JUSTIFIED,
AD-629 447 10B T 66 08 HC$ 2.60 MF$ 0.50

FINDING EVERETT'S LAGRANGE MULTIPLIERS BY LINEAR PROGRAMMING,
AD-629 505 12B T 66 08 HC$ 1.10 MF$ 0.50

A NOTE ON SOME GRAPHS RELATED TO KNOTS,
AD-629 506 12A T 66 08 HC$ 1.10 MF$ 0.50

WEIGHTED VOTING: A MATHEMATICAL ANALYSIS FOR INSTRUMENTAL JUDGMENTS,
AD-629 555 5D T 66 08 HC$ 3.60 MF$ 0.50

SCATTERING MATRICES AND RECIPROCITY RELATIONSHIPS FOR VARIOUS REPRESENTATIONS OF THE STATE OF POLARIZATION,
AD-629 556 4A T 66 08 HC$ 4.60 MF$ 0.50

SYSTEMS ANALYSIS TECHNIQUES FOR PLANNINGPROGRAMMING-BUDGETING,
AD-629 564 5A T 66 08 HC$ 2.00 MF$ 0.50

GERMANY IN AMERICAN FOREIGN POLICY,
AD-629 569 5D T 66 08 HC$ 2.00 MF$ 0.50

THE THERMODYNAMICS OF THE ZIRCONIA/ZIRCONIUM-OXYGEN VAPOR SYSTEM,
AD-629 570 11B T 66 08 HC$ 2.00 MF$ 0.50

BOOK REVIEW: SOVIET RESEARCH AND DEVELOPMENT: ITS ORGANIZATION, PERSONNEL, AND FUNDS,
AD-629 587 5A T 66 08 HC$ 1.10 MF$ 0.50

REGULAR LINE SYMMETRIC GRAPHS,
AD-629 605 12A T 66 08 HC$ 3.60 MF$ 0.50

THE CATALOG INPUT/OUTPUT SYSTEM,
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75

AERODYNAMICS OF BODIES OF REVOLUTION,
AD-629 643 20D T 66 08 HC$ 4.00 MF$ 0.75

ON THE FLOW OF A MAGNETIZED SOLAR WIND AROUND THE MOON,
N66-10681 20H U 41 08 HC$ 1.00 MF$ 0.50

OPTIMAL PROCEDURES FOR STOCHASTICALLY FAILING EQUIPMENT,
N66-10755 22B U 41 08 HC$ 2.00 MF$ 0.50

RAND CORP., SANTA MONICA, CALIF.
LOGISTIC IMPLICATIONS OF AN ASTRONOMICAL OBSERVATORY ON THE MOON,
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50

RAVEN INDUSTRIES, INC., SIOUX FALLS, S. DAK. METEOROLOGY DEPT.
LIGHT WINDS IN THE STRATOSPHERE (15-24 KM). PART 3,
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75

RAYTHEON CO., WALTHAM, MASS. RESEARCH DIV.
DESIGN, DEVELOPMENT, FABRICATION, AND DELIVERY OF THREE /3/ STRAIN GAGE ACCELEROMETERS.
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75

RCA LABS. DIV., RADIO CORP. OF AMERICA, PRINCETON, N. J.
THRESHOLD FUNCTIONS THROUGH N = 7,
AD-452 952 12A U 41 08 HC$ 2.00

REDSTONE SCIENTIFIC INFORMATION CENTER, REDSTONE ARSENAL, ALA.
EFFECT OF OUTPUT CURRENT WAVEFORM ON THE PROPERTIES OF ALUMINUM WELDS,
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50

RENSSELAER POLYTECHNIC INST., TROY, N. Y.
NEW EIGENFUNCTION EXPANSIONS AND ALTERNA- TIVE REPRESENTATIONS FOR THE REDUCED WAVE EQUATION,
AD-629 649 12A T 66 08

A MICROWAVE LENS SYSTEM FOR PLASMA DIAGNOSTICS,
N65-35961 20I U 41 07 HC$ 1.00 MF$ 0.50

AN INVESTIGATION OF SOME REACTIONS OF ACTIVE NITROGEN.
N66-10215 7C U 41 08 HC$ 5.00 MF$ 1.25

RENSSELAER POLYTECHNIC INST., TROY, N. Y. DEPT. OF CHEMISTRY.
VISCOSITY MEASUREMENTS ON FUSED SALTS. PART 2. SOME ALKALI AND ALKALINE EARTH CHLORIDES,
AD-629 651 7D T 66 08

VISCOSITY MEASUREMENTS ON FUSED SALTS, PART 1. THEORETICAL PRINCIPLES OF THE OSCILLATING HOLLOW CYLINDER METHOD,
AD-629 652 7D T 66 08

RENSSELAER POLYTECHNIC INST., TROY, N. Y. DEPT. OF MECHANICS.
TWIST MODULUS FOR A 6-CONSTANT CENTRO-SYMMETRIC CUBIC CRYSTAL,
AD-629 734 20B T 66 08 HC$ 1.00 MF$ 0.50

RESEARCH ANALYSIS CORP., MCLEAN, VA.
PROPERTIES OF A GENERALIZED INVERSE WITH APPLICATIONS TO LINEAR PROGRAMMING THEORY.
AD-629 384 12B T 66 08 HC$ 3.60 MF$ 0.50

COST-OF-RESEARCH INDEX,
AD-629 700 5A T 66 08 HC$ 1.00 MF$ 0.50

RESEARCH AND ADVANCED DEVELOPMENT DIV., AVCO CORP., WILMINGTON, MASS.
DIFFUSION STUDIES IN REFRACTORY MATERIALS,
AD-628 610 11B T 66 07 HC$ 1.60 MF$ 0.50

GRAIN BOUNDARY DIFFUSION IN MGO: ORIGIN OF THE EFFECT,
AD-628 849 20B T 66 07 HC$ 1.00 MF$ 0.50

A METHOD FOR THE COMPUTATION OF NORMAL MODE DISPERSION CURVES OF ATMOSPHERIC GRAVITY WAVES IN WINDY ATMOSPHERES,
AD-628 942 20A T 66 08 HC$ 3.60 MF$ 0.50

RESEARCH LABS. DIV., BENDIX CORP., SOUTHFIELD, MICH.
DEVELOPMENT OF AN ALL-FLUID AMPLIFIER FOR LIQUID ROCKET APPLICATIONS,
N66-11619 21H U 41 08 HC$ 4.00 MF$ 1.00

RESEARCH LAB. OF ELECTRONICS, MASS. INST. OF TECH., CAMBRIDGE.
QUARTERLY PROGRESS REPORT NO. 80, GENERAL PHYSICS, PLASMA DYNAMICS AND COMMUNICATION SCIENCES AND ENGINEERING,
AD-628 926 5A T 66 08 HC$27.10 MF$ 1.50

CONCATENATED CODES,
AD-628 956 9D T 66 08 HC$10.60 MF$ 0.75

RESEARCH LAB. OF ELECTRONICS. MASSACHUSETTS INST. OF TECH.
HIGH-PERVEANCE ELECTRON BEAM-PLASMA INTERACTION REPORT ON AN EXPERIMENT IN THE LONG SOLENOID FACILITY AT OAK RIDGE NATIONAL LABORATORY,
CONF-471-45 20I U 41 07 HC$ 1.00 MF$ 0.50

RESEARCH TRIANGLE INST., DURHAM, N. C.
MICROELECTRONICS IN SPACE RESEARCH,
N66-10414 9C U 41 07 HC$ 1.00 MF$ 0.60

A STUDY OF THE EFFECTS OF INTERFERENCE ON NARROW-BAND PHASE LOCK LOOPS,
N66-10691 17B U 41 08 HC$ 3.00 MF$ 0.75

RIAS INC., BALTIMORE, MD.
ON GENERALIZED DYNAMICAL SYSTEMS DEFINED BY CONTINGENT EQUATIONS,
AD-628 719 12B T 66 07

RIAS, INC., BALTIMORE, MD.
GENERALIZED RECURRENCE IN DYNAMICAL SYSTEMS,
AD-629 269 12A T 66 08

UNBOUNDED SOLUTIONS OF A SECOND-ORDER DIFFERENTIAL EQUATION WITH NON-NEGATIVE DAMPING,
AD-629 270 12A T 66 08

SOME APPLICATIONS OF STOCHASTIC DIFFERENTIAL EQUATIONS TO OPTIMAL NONLINEAR FILTERING.

AD-629 271 12B T 66 08

ON THE FLOW OUTSIDE A CLOSED INVARIANT SET: STABILITY, RELATIVE STABILITY AND SADDLE SETS,
AD-629 272 12A T 66 08

SEMIRIGOROUS LCAO-MO-SCF METHODS FOR THREE-DIMENSIONAL MOLECULAR CALCULATIONS INCLUDING ELECTRON REPULSION,
AD-629 397 7D T 66 08

ROCHESTER APPLIED SCIENCE ASSOCIATES, INC., N. Y.
A THEORY FOR PREDICTING THE ROTATIONAL NOISE OF LIFTING ROTORS IN FORWARD FLIGHT, INCLUDING A COMPARISON WITH EXPERIMENT.
AD-629 646 20A T 66 08 HC$11.60 MF$ 0.75

ROCHESTER UNIV., N. Y.
ANOMALOUS BEHAVIOR OF SUPERCONDUCTING MICROGEOMETRIES IN THE PRESENCE OF HIGH CURRENT DENSITIES,
AD-629 458 20C T 66 08

ROCHESTER UNIV., N. Y. DEPT. OF MECHANICAL AND AEROSPACE SCIENCES.
ELECTRON AND ION DENSITY AHEAD OF AIR SHOCK WAVES.
AD-628 143 20I T 66 07 HC$ 1.10 MF$ 0.50

STABILITY OF HAGEN-POISEUILLE FLOW,
AD-629 321 20D T 66 08

ON THE INVISCID STABILITY OF THE LAMINAR MIXING OF TWO PARALLEL STREAMS OF A COMPRESSIBLE FLUID,
AD-629 322 20D T 66 08

THE INSTABILITY OF INVISCID JETS AND WAKES IN COMPRESSIBLE FLUID,
AD-629 323 20D T 66 08

ROCHESTER UNIV., N. Y. DEPT. OF PHYSICS AND ASTRONOMY.
MODERN SPECTROSCOPY OF SOLIDS,
AD-629 030 20F T 66 08

NOTE ON RADIATIVE CORRECTIONS TO THOMSON SCATTERING IN INTENSE LASER BEAMS,
AD-629 457 20E T 66 08

DYNAMIC VORTEX EFFECTS IN THIN SUPERCONDUCTORS,
AD-629 460 20C T 66 08

QUANTIZED VORTICES IN SUPERCONDUCTORS,
AD-629 463 20C T 66 08

ROCHESTER UNIV., N. Y. INST. OF OPTICS.
MULTIPHOTON IONIZATION OF RARE GAS AND HYDROGEN ATOMS,
AD-628 724 7E T 66 07

ROCK ISLAND ARSENAL, ILL.
SELF-LUBRICATING MATERIALS.
AD-629 674 11H T 66 08 HC$ 2.60 MF$ 0.50

AGING OF BARRIER MATERIALS.
PB-169 187 13D U 41 08 HC$ 3.00 MF$ 0.50

ROCKY FLATS DIV., DOW CHEMICAL CO., DENVER, COLO.
METALLOGRAPHY OF WROUGHT VACUUM-CAST BERYLLIUM AT ELEVATED TEMPERATURES,
RFP-544 11F U 41 08 HC$ 1.00 MF$ 0.50

ROCKY FLATS DIV., DOW CHEMICAL CO., GOLDEN, COLO.
ANALYSIS OF AMERICIUM FOR PLUTONIUM, THORIUM AND RARE EARTH IMPURITIES BY EMISSION SPECTROSCOPY,
RFP-414 7D U 41 08 HC$ 2.00 MF$ 0.50

A METALLOGRAPHIC HOT-STAGE FOR PLUTONIUM,
RFP-548 18D U 41 07 HC$ 1.00 MF$ 0.50

FORTRAN II PROGRAM FOR REDUCTION OF SPECTROPHOTOMETRIC REACTION KINETICS DATA,
RFP-629 9B U 41 08 HC$ 2.00 MF$ 0.50

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N. Y.
ERRORS IN THE MEASUREMENT OF THE PROBABILITY DENSITY FUNCTION.
AD-628 725 9D T 66 07 HC$ 3.00 MF$ 0.75

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
MILITARY COMMUNICATIONS SWITCHING SYSTEM DESIGN.
AD-629 352 17B T 66 08 HC$ 3.00 MF$ 0.75

RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N. J.
RELATIONSHIP BETWEEN GROUP EQUILIBRIUM, PRODUCTION AND MORALE IN PROBLEM SOLVING WORK GROUPS.
AD-628 232 5J T 66 07 HC$ 1.00 MF$ 0.50

RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N. J. DEPT. OF PHYSICS.
EFFECT OF CRYSTAL ANISOTROPY ON THE THERMAL CONDUCTIVITY OF COPPER ALLOYS,
AD-629 069 20L T 66 08

RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N. J. STATISTICS CENTER.
CHAIN SAMPLING INSPECTION PLANS- CHSP-0.4 AND CHSP-1.4.
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50

R. T. ENGINEERING MATERIALS RESEARCH LAB., BROWN UNIV., PROVIDENCE.
VISCOELASTIC PROBLEMSIN DESIGN.
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50

SAINT LOUIS UNIV., MO. DEPT. OF GEOPHYSICS AND GEOPHYSICAL ENGINEERING.
THE S WAVE PROJECT FOR FOCAL MECHANISM STUDIES EARTHQUAKES OF 1963.
AD-472 354 8K U 41 07 HC$ 3.00 MF$ 0.75

SANDIA CORP, ALBUQUERQUE, N. MEX.
SANDIA CORPORATION (ORGANIZATION 7300) ENVIRONMENTAL FACILITY CALIBRATION PROCEDURES,
SC-M-64-61 14B U 41 08 HC$ 2.00 MF$ 0.50

SANDIA CORP., ALBUQUERQUE, N. MEX.
ABSORPTIVITIES OF COMPLEXES FROM THE VARIATION AND THE MOLE RATIO METHODS FOR COMPLEX DETERMINATIONS,
SC-RR-65-625 7B U 41 07 HC$ 1.00 MF$ 0.50

SAO PAULO UNIV. (BRAZIL).
THE EP = 2.66 MEV RESONANCE IN O16(P,P)O16,
AD-628 698 20H T 66 07

SASKATCHEWAN UNIV., SASKATOON. INST. OF UPPER ATMOSPHERIC PHYSICS.
AURORAL PHENOMENA IN AN INTEGRAL-INVARIANT COORDINATE SYSTEM,
AD-629 326 4A T 66 08

SCHELLENGER RESEARCH LAB., TEXAS WESTERN COLL., EL PASO.
STUDY FOR IMPROVEMENTS OF TEMPERATURE MEASUREMENTS WITH THERMISTORS IN HIGH ALTITUDES.
AD-629 653 14B T 66 08 HC$ 1.60 MF$ 0.50

SCHOOL OF AEROSPACE MEDICINE, BROOKS AFB, TEXAS.
SEASONAL VARIATIONS IN HUMAN PAROTID FLUID FLOW RATE IN A SUBTROPICAL CLIMATE.
AD-629 730 6P T 66 08 HC$ 1.00 MF$ 0.50

SCHOOL OF AEROSPACE MEDICINE, BROOKS AFB, TEX.
HYPOKINESIA SECONDARY TO CHAIR REST FROM 4 TO 10 DAYS,
AD-628 314 6S T 66 07

F-101/F-106 FLIGHT SIMULATOR FLASHBLINDNESS EXPERIMENT.
AD-628 552 6S T 66 07 HC$ 1.60 MF$ 0.50

THE NEUROTIC COMPONENT OF NARCOLEPSY,
AD-628 595 6E T 66 07

A HISTORICAL REVIEW OF THE BUBBLE THEORY OF THE ETIOLOGY OF DECOMPRESSION SICKNESS AS RELATED TO HIGH ALTITUDE EXPOSURE.
AD-628 751 6E T 66 07 HC$ 2.00 MF$ 0.50

AN IMPROVED FLAME SPECTROPHOTOMETER FOR BIOLOGIC CALCIUM ANALYSIS.
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50

OXYGEN CONCENTRATION, TEMPERATURE, AND VISCOSITY DETERMINATIONS: POLAROGRAPHIC TECHNIC.
AD-628 892 6E T 66 08 HC$ 1.60 MF$ 0.50

PROTECTIVE PERFORMANCE OF STANNOUS FLUORIDE-ZIRCONIUM SILICATE PROPHYLAXIS PASTES.
AD-629 738 6E T 66 08 HC$ 1.60 MF$ 0.50

GLUCOSE TOLERANCE RESPONSES IN YOUNG ADULTS OF SHARPLY CONTRASTING PERIODONTAL STATUS.
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50

SCHWEISSTECHNISCHE LAHR-UND VERSUCHSANSTALT, DUISBURG (GERMANY).
ELECTRO-SLAG WELDING OF REACTOR STEELS.
EURAEC-1166 13H U 41 07 HC$ 3.00 MF$ 0.75

SCHWEISSTECHNISCHE LEHR-UND VERSUCHSANSTALT, DUISBURG, (GERMANY).
ELECTRO-SLAG WELDING OF REACTOR STEELS.
EURAEC-1242 13H U 41 07 HC$ 3.00 MF$ 0.75

SCRIPPS INSTITUTION OF OCEANOGRAPHY, SAN DIEGO, CALIF. MARINE PHYSICAL LAB.
REFLECTION PROFILES ACROSS THE MIDDLE AMERICA TRENCH,
AD-629 136 8J T 66 08

ONSET OF CONVECTION IN A LAYER OF FLUID COOLED FROM ABOVE,
AD-629 137 20M T 66 08

ULTRASONIC ABSORPTION IN MGSO4 SOLUTIONS AS A FUNCTION OF PRESSURE AND DIELECTRIC CONSTANT,
AD-629 138 7D T 66 08

SIMPLE SWITCHING CIRCUIT THAT KEEPS RECORDER ON SCALE,
AD-629 140 14C T 66 08

TRANSCURRENT FAULTING IN THE OCEAN FLOOR,
AD-629 142 8J T 66 08

SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIV. OF CALIFORNIA, LA JOLLA.
CARBON DIOXIDE IN SURFACE WATERS OF PACIFIC OCEAN. I. MEASUREMENTS OF THE DISTRIBUTION.
AD-628 242 8J T 66 07

MIGRANT SOUND SCATTERERS: INTERACTION WITH THE SEA FLOOR,
AD-628 965 8A T 66 08

SUBBOTTOM PROFILE OF ABYSSAL SEDIMENTS IN THE CENTRAL EQUATORIAL PACIFIC,
AD-628 966 8J T 66 08

SENSORY SYSTEMS LAB., TUCSON, ARIZ.
EXPERIMENTAL STUDIES ON TARGET DETECTION, EVALUATION AND INTERCEPTION BY ECHOLOCATING BATS.
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75

SHEFFIELD UNIV. (ENGLAND). DEPT. OF BIOCHEMISTRY.

USE OF A PURIFIED BACTERIAL FORMATE DEHYDROGENASE FOR THE MICRO-ESTIMATION OF FORMATE,
AD-628 821 6A T 66 07

SHEFFIELD UNIV. (ENGLAND). DEPT. OF CHEMISTRY.
KINETICS OF THE TRIPLET STATE.
AD-628 571 7D T 66 07 HC$ 3.60 MF$ 0.50

SHELL OIL CO., WOOD RIVER, ILL. RESEARCH LAB.
STUDY OF HELICOPTER GEAR LUBRICATION.
AD-628 446 11H T 66 07 HC$ 2.60 MF$ 0.50

SIBLEY SCHOOL OF MECHANICAL ENGINEERING, CORNELL UNIV., ITHACA, N. Y.
AN EXPERIMENTAL AND ANALYTICAL STUDY OF HEAT TRANSFER AND PRESSURE DROP IN HORIZONTAL ANNULAR TWO-PHASE, TWO-COMPONENT FLOW.
AD-628 386 20D T 66 07 HC$17.50 MF$ 1.00

SIENA UNIV. (ITALY). ISTITUTO DI PATOLOGIA MEDICA.
CAROTID SINUS AND AORTIC REFLEXES IN THE REGULATION OF CIRCULATION DURING SLEEP,
AD-628 340 6P T 66 07

REGISTRAZIONE MICROELETTRODICA DI RISPOSTE LENTE IMPTALAMICHE EVOCATE DA STIMOLI SENSITIVI (MICROELECTRODE RECORDING OF SLOW HYPOTHALAMIC EVOKED RESPONSES TO SENSORY STIMULI),
AD-629 279 6P T 66 08

CONTRIBUTION OF LOCAL ACTIVITY AND ELECTRIC SPREAD TO SOMATICALLY EVOKED POTENTIALS IN DIFFERENT AREAS OF THE HYPOTHALAMUS,
AD-629 280 6P T 66 08

SIGNAL CORPS ENGINEERING LABS., FORT MONMOUTH, N. J.
EVALUATION OF MILITARY RADIAC EQUIPMENT,
AD-629 545 18D T 66 08 HC$ 8.60 MF$ 0.75

SKF INDUSTRIES, INC., KING OF PRUSSIA, PA. RESEARCH LAB.
A BASIC STUDY OF THE SLIDING CONTACTS IN ROLLING BEARINGS.
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50

SLOANE PHYSICS LAB., YALE UNIV., NEW HAVEN, CONN.
INFLUENCE OF MULTIPLE VIRTUAL TRANSITIONS ON THE REORIENTATION EFFECT IN COULOMB EXCITATION,
AD-628 650 20H T 66 07

SMITH ELECTRONICS, INC., CLEVELAND, OHIO.
STUDY OF SHORT TERM PHASE STABILITY.
N66-10869 9C U 41 08 HC$ 1.00 MF$ 0.50

SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS.
THE SMITHSONIAN'S SATELLITE-TRACKING PROGRAM: ITS HISTORY AND ORGANIZATION, PART 3,
AD-628 466 17H T 66 07

THE TOTAL MASS OF THE EARTH'S ATMOSPHERE.
AD-629 451 4A T 66 08

SMITHSONIAN INSTITUTION, CAMBRIDGE, MASS. ASTROPHYSICAL OBSERVATORY.
CATALOG OF PRECISELY REDUCED OBSERVATIONS, NO. P-14.
N66-10649 3A U 41 08 HC$ 4.00 MF$ 1.00

DETERMINATION OF THE ABSOLUTE SPACE DIRECTIONS BETWEEN BAKER-NUNN CAMERA STATIONS,
N66-10686 28E U 41 08 HC$ 2.00 MF$ 0.50

SMITHSONIAN INSTITUTION, CAMBRIDGE, MASS. ASTROPHYSICAL OBSERVATORY.
DENSITY VARIATIONS IN THE HETEROSPHERE,
N66-12982 4A U 41 08 HC$ 2.00 MF$ 0.50

SOCONY MOBIL OIL CO., INC., PRINCETON, N. J. CENTRAL RESEARCH DIV. LAB.
PLASMA DENSITY BY ION BEAM PROBING; DENSITY AND SPECTROSCOPIC MEASUREMENTS OF ENERGETIC DEUTERIUM ARCS.
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75

SOREQ RESEARCH ESTABLISHMENT, ISRAEL ATOMIC ENERGY COMMISSION, YAVNEH.
THE GROUND STATES AND RELATIVE STARK SPLITTINGS OF SOME TRIVALENT RARE EARTH IONS IN THE CUBIC CRYSTAL FIELD OF CALCIUM FLUORIDE,
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50

SOUTHWEST RESEARCH INST., SAN ANTONIO, TEX.
DEVELOPMENT OF EQUIPMENT AND PROCEDURES FOR PRODUCING LARGE QUANTITIES OF FOAMED SULPHUR IN THE FIELD.
AD-628 064 11G T 66 07 HC$ 1.00 MF$ 0.50

THE USE OF MODELS FOR THE INVESTIGATION OF FIRE SPREAD.
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75

SLOSHING OF LIQUIDS IN CYLINDRICAL TANKS OF ELLIPTIC CROSS-SECTION.
AD-629 284 20D T 66 08 HC$ 2.60 MF$ 0.50

SOME COMPARISONS OF SLOSHING BEHAVIOR IN CYLINDRICAL TANKS WITH FLAT AND CONICAL BOTTOMS.
AD-629 285 20D T 66 08 HC$ 1.60 MF$ 0.50

SUBHARMONIC OSCILLATIONS IN AN ARBITRARY AXISYMMETRIC TANK RESULTING FROM AXIAL EXCITATION.
N66-12190 20D U 41 08 HC$ 3.00 MF$ 0.75

SPACE PHYSICS RESEARCH LAB., UNIV. OF MICHIGAN, ANN ARBOR.
DIRECT MEASUREMENTS IN THE IONOSPHERE.
N66-12187 4A U 41 08 HC$ 1.00 MF$ 0.50

SPACE SCIENCES, INC., NATICK, MASS.
THE DEVELOPMENT OF A SOURCE OF VACUUM ULTRAVIOLET AND SOFT X-RADIATION.
N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50

SPACE TECHNOLOGY LABS., INC., REDONDO BEACH, CALIF.
CAPABILITY GUIDE- TRACKING ACCURACY PREDICTION PROGRAM / TAPP MOD I/,
N66-10662 22C U 41 08 HC$ 4.00 MF$ 1.00

MISSILE DYNAMICS FOR STABILITY ANALYSIS. VOLUME I. DERIVATION OF EQUATIONS,
N66-10756 16B U 41 08 HC$ 4.00 MF$ 0.75

STUDY OF AN ABLE-MARS ENCOUNTER MISSION.
N66-10801 22B U 41 08 HC$ 4.00 MF$ 0.75

SPACE-GENERAL CORP., EL MONTE, CALIF.
STUDY OF SELECTED THRUST VECTOR CONTROL SYSTEMS FOR SOLID PROPELLANT MOTORS.
N66-10636 21H U 41 08 HC$ 5.00 MF$ 1.25

SPERRY GYROSCOPE CO., GREAT NECK, N. Y.
TRANSVERSE ANTENNA FEED STUDY.
AD-629 546 9E T 66 08 HC$ 4.00 MF$ 0.75

SPERRY MICROWAVE ELECTRONICS CO., CLEARWATER, FLA.
STUDY OF PULSED RADIATION EFFECTS ON MICROWAVE FERRITE DUPLEXERS.
AD-430 130 18H U 41 07 HC$ 2.00

BROADBAND HARMONIC GENERATORS.
AD-628 271 9E T 66 07 HC$ 3.60 MF$ 0.50

SPRINGFIELD ARMORY, MASS.
INVESTIGATION OF SONIC TECHNIQUES FOR THE NONDESTRUCTIVE EVALUATION OF SINTERED IRON POWDER COMPACTS.
AD-628 538 11F T 66 07 HC$ 2.00 MF$ 0.50

STANFORD LINEAR ACCELERATOR CENTER, STANFORD UNIV., CALIF.
TWO-MILE ACCELERATOR PROJECT.
SLAC-48 20G U 41 07 HC$ 4.00 MF$ 0.75

CONSOLIDATION OF RESULTS OF PRELIMINARY BEAM TESTS WITH SECTORE 1 AND 2.
SLAC-50 20G U 41 07 HC$ 3.00 MF$ 0.75

STANFORD RESEARCH INST., MENLO PARK, CALIF.
STUDIES OF RF SCATTERING PROCESSES FROM IONIZED UPPER ATMOSPHERIC PERTURBATIONS.
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00

CHRONIC ELECTROSHOCK: EFFECTS ON BRAIN WEIGHT, BRAIN CHEMISTRY, AND BEHAVIOR,
AD-628 243 5J T 66 07

SHOCK WAVE COMPRESSION OF 'PLEXIGLAS' IN THE 2.5 TO 20 KILOBAR REGION,
AD-628 715 20K T 66 07

SHOCK ATTENUATION IN SOLID AND DISTENDED MATERIALS.
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75

INVESTIGATION OF EQUATION OF STATE OF POROUS EARTH MEDIA.
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00

POSTATTACK FARM PROBLEMS. PART II. ATTACK EFFECTS ON INPUTS AND FARM OUTPUT,
AD-629 139 15C T 66 08 HC$19.20 MF$ 1.25

LITERATURE SURVEY PERTAINING TO ELECTRICALLY SMALL ANTENNAS, PROPAGATION THROUGH VEGETATION, AND RELATED TOPICS.
AD-629 155 9E T 66 08 HC$ 6.00 MF$ 1.50

EXPERIMENTS IN TACTUAL PERCEPTION,
N65-36764 5J U 41 07 HC$ 6.00 MF$ 1.25

POLYMERS FOR SPACECRAFT HARDWARE. MATERIALS SPECIFICATIONS AND ENGINEERING INFORMATION.
N66-10629 11J U 41 08 HC$ 1.00 MF$ 0.50

DEVELOPMENT OF SPECIFICATIONS FOR POLYMERIC MATERIALS.
N66-10630 11J U 41 08 HC$ 1.00 MF$ 0.50

TIROS RADIATION MEASUREMENTS AND VARIATIONS IN ATMOSPHERIC HEATING.
N66-10877 4B U 41 08 HC$ 2.00 MF$ 0.50

STUDY OF GROWTH PARAMETERS FOR REFRACTORY CARBIDE SINGLE CRYSTALS.
N66-11767 7B U 41 08 HC$ 1.00 MF$ 0.50

STANFORD UNIV., CALIF.
STABILITY ANALYSIS OF RELAY-CONTROL SYSTEMS VIA THE DIRECT METHOD OF LYAPUNOV,
N65-35962 12B U 41 07 HC$ 3.00 MF$ 0.75

STANFORD UNIV., CALIF. CENTER FOR MATERIALS RESEARCH.
ANNUAL TECHNICAL REPORT, JULY 1, 1964 TO JUNE 30, 1965.
AD-629 013 11G T 66 08 HC$ 4.00 MF$ 1.00

STANFORD UNIV., CALIF. DEPT. OF AERONAUTICS AND ASTRONAUTICS.
QUELQUES NOUVEAUX RESULTATS DE RECHERCHES SUR LE FLAMBAGE DES COQUES CYLINDRIQUES (SOME NEW RESULTS FROM RESEARCH ON THE BUCKLING OF CYLINDRICAL SHELLS),
AD-628 925 20K T 66 08 HC$ 5.60 MF$ 0.50

A NEW SOLUTION OF THE BUCKLING PROBLEM OF THIN CIRCULAR CYLINDRICAL SHELLS HEATED ALONG AN AXIAL STRIP.
AD-629 579 20K T 66 08 HC$ 3.60 MF$ 0.50

AN ANALOG STUDY OF THE THERMAL BUCKLING BEHAVIOR OF THIN CYLINDRICAL SHELLS.
AD-629 580 20K T 66 08 HC$ 3.60 MF$ 0.50

STANFORD UNIV., CALIF. DEPT. OF CHEMISTRY.
THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. II, THEORY,
AD-628 283 6A T 66 07

STEREOREGULARITY AND UNPERTURBED DIMENSIONS OF ISOTACTIC POLY-ALPHA-OLEFINS,
AD-629 281 11I T 66 08

THE CONFIGURATION OF RANDOM POLYPEPTIDE CHAINS. I. EXPERIMENTAL RESULTS,
AD-629 282 6A T 66 08

STANFORD UNIV., CALIF. DEPT. OF CIVIL ENGINEERING.
HUMAN FACTORS AS THEY AFFECT METHODS IMPROVEMENT IN CONSTRUCTION.
AD-628 940 5I T 66 08 HC$ 3.00 MF$ 0.75

STANFORD UNIV., CALIF. DEPT. OF ELECTRICAL ENGINEERING.
THE DETECTION OF KNOWN SIGNALS IN COLORED GAUSSIAN NOISE,
AD-629 369 9D T 66 08

STANFORD UNIV., CALIF. DEPT. OF MECHANICAL ENGINEERING.
DIRECT ENERGY CONVERSION SYSTEMS. PART I. ELECTRICAL CONDUCTIVITY OF PARTIALLY IONIZED GASES.
AD-628 528 20I T 66 07 HC$ 3.00 MF$ 0.50

DIRECT ENERGY CONVERSION SYSTEMS. PART II. ELECTROCATALYTIC ACTIVITY OF HYDRAZINE IN FUEL CELL APPLICATION.
AD-628 529 10A T 66 07 HC$ 3.00 MF$ 0.50

STANFORD UNIV., CALIF. DEPT. OF PHYSICS.
PROPERTIES OF A MASSIVE NEUTRAL GAUGE PARTICLE,
AD-629 283 20H T 66 08

STANFORD UNIV., CALIF. DEPT. OF PHYSIOLOGY.
PRESYNAPTIC EFFECTS OF POTASSIUM ION ON THE MAMMALIAN NEUROMUSCULAR JUNCTION,
AD-628 266 6P T 66 07

STANFORD UNIV., CALIF. DEPT. OF STATISTICS.
FINITE QUEUES IN SERIES WITH EXPONENTIAL OR ERLANG SERVICE TIMES.
AD-629 308 12B T 66 08 HC$ 3.60 MF$ 0.50

DENUMERABLE STATE MARKOVIAN DECISION PROCESSES: AVERAGE COST CRITERION.
AD-629 375 12A T 66 08 HC$ 2.60 MF$ 0.50

R CHART CONTROL LIMITS BASED ON A SMALL NUMBER OF SUBGROUPS.
N66-10653 12A U 41 08 HC$ 1.00 MF$ 0.50

STANFORD UNIV., CALIF. DIV. OF ENGINEERING MECHANICS.
TWO-DIMENSIONAL HYPERSONIC STAGNATION FLOW AT LOW REYNOLDS NUMBERS,
AD-629 666 20D T 66 08

STANFORD UNIV., CALIF. INST. FOR PLASMA RESEARCH.
ARGON PLASMA TRANSPORT PROPERTIES,
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50

STANFORD UNIV., CALIF. RADIO ASTRONOMY INST.
INSTRUMENTS, SOLAR PHYSICS, EXTRAGALACTIC STUDIES, GALACTIC STUDIES AND OCCULATIONS,
AD-629 289 3B T 66 08

STRUCTURE OF THE CENTRAL COMPONENT OF CENTAURUS A,
AD-629 290 3B T 66 08

OBSERVATIONS OF THE SIX MOST INTENSE RADIO SOURCES WITH A 1.0° FAN BEAM,
AD-629 366 3B T 66 08

STANFORD UNIV., CALIF. SCHOOL OF MEDICINE.
A SUBALGOL PROGRAM FOR CALCULATION OF MOLECULAR COMPOSITIONAL FORMULAS FROM MASS SPECTRAL DATA.
N66-11689 7D U 41 08 HC$ 1.00 MF$ 0.50

STANFORD UNIV., CALIF. STANFORD ELECTRONICS LABS.
ON THE TERMINAL DESCRIPTION OF NONLINEAR NETWORKS,
AD-629 686 9E T 66 08

FUNDAMENTAL STUDIES OF METALLURGICAL, ELECTRICAL, AND OPTICAL PROPERTIES OF GA[illegible]N PHOSPHIDE.
N66-10775 20L U 41 08 HC$ 2.00 MF$ 0.50

THE BISTATIC CONTINUOUS-WAVE RADAR METHOD FOR THE STUDY OF PLANETARY SURFACES.
N66-12967 3B U 41 08 HC$ 1.00 MF$ 0.50

TRANSFORMERLESS N-PORT SYMMETRICAL -TRANSMISSION-LINE SYNTHESIS,
PB-169 139 9C U 41 07 HC$ 4.00 MF$ 0.75

STANFORD UNIV., CALIF. INST. FOR PLASMA RESEARCH.
STUDY OF TRANSIENT PHENOMENA IN LOW PRESSURE GAS DISCHARGE PLASMAS.
AD-629 496 20I T 66 08 HC$ 2.60 MF$ 0.50

STATE UNIV. OF IOWA, IOWA CITY. DEPT. OF PHYSICS AND ASTRONOMY.
OBSERVATIONS OF MAGNETOSPHERIC BOUNDARY PHENOMENA,
N66-12980 20H U 41 08 HC$ 3.00 MF$ 0.50

STATE UNIV. OF NEW YORK, BUFFALO. DEPT. OF CHEMISTRY.
DIELECTRIC CONSTANT OF HYDROGEN-BONDED LIQUIDS. IV. EQUILIBRIUM AND RELAXATION STUDIES OF HOMOLOGOUS NEO-ALCOHOLS,
AD-628 410 7D T 66 07

STATE UNIV. OF NEW YORK, STONY BROOK.
A DISTRIBUTIONAL K TRANSFORMATION WITH APPLICATIONS TO TIME-VARYING ELECTRICAL NETWORKS.
AD-629 060 12A T 66 08 HC$ 2.00 MF$ 0.50

STATE UNIV. OF NEW YORK, STONY BROOK. DEPT. OF ELECTRICAL ENGINEERING.
ON THE RELATIVE TIME OF ADAPTIVE PROCESSES.
AD-629 057 9C T 66 08

STD RESEARCH CORP., PASADENA, CALIF.
BREAKDOWN VOLTAGE CALCULATION FOR AIR IN UNIFORM FIELDS,
AD-628 347 20C T 66 07

STEVENS INST. OF TECH., HOBOKEN, N. J. DEPT. OF PHYSICS.
ON THE ANALYSIS OF K AND ETA INTO PI DECAY SPECTRA.
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50

STOCKHOLM UNIV. (SWEDEN). DEPT. OF ZOOLOGY.
NEURAL MECHANISMS INVOLVED IN INSTINCTIVE BEHAVIOR.
AD-628 322 6C T 66 07 HC$ 5.60 MF$ 0.50

STROMBERG-CARLSON CORP., SAN DIEGO, CALIF.
RANDOM ACCESS LIGHT VALVE STUDY.
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75

SUFFIELD EXPERIMENTAL STATION, RALSTON (ALBERTA).
BIOLOGICAL ACTIVITY OF BOVINE BRAIN CONSTITUENTS.
AD-628 167 6A T 66 07

A PARTICULATE DIFFUSION EXPERIMENT.
AD-628 609 4B T 66 07

SYDNEY UNIV. (AUSTRALIA).
TRIANGULAR FACTORS OF MODIFIED MATRICES.
AD-629 530 12A T 66 08

SYLVANIA ELECTRONIC SYSTEMS, WALTHAM, MASS. APPLIED RESEARCH LAB.
A THEORETICAL MODEL FOR COLOR VISION.
AD-628 873 6D T 66 07 HC$ 6.00 MF$ 1.25

SYLVANIA ELECTRONICS SYSTEMS, WILLIAMSVILLE, N. Y.
ELECTRONICALLY STEERABLE ARRAY,
AD-629 543 9E T 66 08 HC$ 4.60 MF$ 0.50

SYRACUSE UNIV. RESEARCH INST., N. Y.
DUALITY AND INFORMATION COMPONENTS IN FOURIER TRANSFORMS.
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75

SYRACUSE UNIV., N. Y.
ENTIRE AND MEROMORPHIC FUNCTIONS WITH ASYMPTOTICALLY PRESCRIBED CHARACTERISTIC,
AD-629 028 12A T 66 08

SYRACUSE UNIV., N. Y. DEPT. OF CHEMISTRY.
STRUCTURE AND MAGNETIC PROPERTIES OF TRANSITION AND LANTHANIDE METAL COMPOUNDS! UNUSUAL OXIDATION STATES.
AD-628 523 7D T 66 07 HC$ 1.60 MF$ 0.50

NEAR-INFRARED SPECTRUM OF LIQUID WATER FROM 30 TO 374 DEGREES,
AD-629 388 7D T 66 08

SYRACUSE UNIV., N. Y. DEPT. OF ELECTRICAL ENGINEERING.
REDUCING NONLINEAR DISTORTION DUE TO AUTOMATIC-GAIN-CONTROL CIRCUITS,
AD-629 403 17B T 66 08

SYRACUSE UNIV., N. Y. DEPT. OF MATHEMATICS.
SUMS OF DEFICIENCIES OF MEROMORPHIC FUNCTIONS,
AD-629 029 12A T 66 08

INVERTING NONLINEAR DIFFERENTIAL SYSTEMS WITH INITIAL CONDITIONS,
AD-629 399 12A T 66 08

SYRACUSE UNIV., N. Y. STATE UNIV. COLL. OF FORESTRY.
THE CHEMISTRY OF THE RADICAL ANION OF TETRAPHENYLETHYLENE,
AD-628 622 7C T 66 07

SYSTEM DEVELOPMENT CORP., SANTA MONICA, CALIF.
THE UNSOLVABILITY OF THE RECOGNITION OF LINEAR CONTEXT-FREE LANGUAGES.
AD-628 202 5G T 66 07 HC$ 1.00 MF$ 0.50

A NOTE ON PUSHDOWN STORE AUTOMATA AND REGULAR SYSTEMS.
AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50

FINITE-TURN PUSHDOWN AUTOMATA.
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50

STACK AUTOMATA AND COMPILING.
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75

HUMAN ENGINEERING THE GPDS/LUCID SYSTEM: CONSIDERATIONS AND PLANS.
AD-628 206 5B T 66 07 HC$ 2.00 MF$ 0.50

HETEROGENEOUS KEY DEVELOPMENT: VOCATIONAL INTERESTS OF COMPUTER PROGRAMMERS.
AD-628 207 5I T 66 07 HC$ 1.00 MF$ 0.50

NUMBERED-LINE SYNTACTIC DESCRIPTION OF JOVIAL (J3),
AD-628 212 9B T 66 07 HC$ 1.00 MF$ 0.50

ECONOMIC DEVELOPMENT PLANNING AND INFORMATION SYSTEMS: A DISCUSSION AND BIBLIOGRAPHY,

AD-628 213 5C T 66 07 HC$ 3.00 MF$ 0.75

SDC DOCUMENTS APPLICABLE TO STATE AND LOCAL GOVERNMENT PROBLEMS.
AD-628 405 5D T 66 07 HC$ 1.00 MF$ 0.50

RESEARCH AND TECHNOLOGY DIVISION REPORT FOR 1965.
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00

THE MANAGEMENT OF PROGRAMMED RESEARCH.
AD-629 268 5A T 66 08 HC$ 1.00 MF$ 0.50

MAPPINGS WHICH PRESERVE CONTEXT SENSITIVE LANGUAGES.
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50

UPDATING OF THESAUR PROGRAM.
AD-629 368 6D T 66 08 HC$ 5.60 MF$ 0.50

SYSTEM RESEARCH, LTD., RICHMOND (ENGLAND).
SOME COMMENTS ON THE ORGANIZATION OF MEN, MACHINES, AND CONCEPTS.
AD-628 141 6D T 66 07 HC$ 1.00 MF$ 0.50

SYSTEMS RESEARCH LABS., INC., DAYTON, OHIO.
TEST AND EVALUATION OF ELECTRONIC IMAGE GENERATION AND PROJECTION DEVICES. VOLUME II. EVALUATION OF TELEVISION SYSTEMS.
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00

EXPERIMENTAL DETERMINATION OF ION EXCITATION ENERGIES AND DENSITIES IN A LOW PRESSURE DISCHARGE.
AD-628 795 20I T 66 07 HC$ 2.00 MF$ 0.50

TASMANIA UNIV., HOBART (AUSTRALIA). DEPT. OF MATHEMATICS.
TRUNCATION ERRORS IN TWO CHEBYSHEV SERIES APPROXIMATIONS.
AD-628 432 12A T 66 07

TECHNICAL OPERATIONS RESEARCH, BURLINGTON, MASS.
DEVELOPMENT OF AN IMPROVED LAND-SURFACE FALLOUT MODEL.
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00

STRUCTURE SHIELDING FROM SIMULATED FALLOUT GAMMA RADIATION.
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00

AD-629 217 18F T 66 08 HC$ 1.60 MF$ 0.50

TECHNICAL UNIV. OF DENMARK, LYNGBY. IONOSPHERE LAB.
OBSERVATIONS OF WHISTLERS AND VLF EMISSIONS AT GODHAVN AND NARSSARSSUAQ, GREENLAND AND AT TROMSO, NORWAY IN 1963.
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75

TECHNION - ISRAEL INST. OF TECH., HAIFA.
MAGNETOGASDYNAMIC HYPERCRITICAL FLOWS WITH SHOCKS.
AD-628 061 20I T 66 07

ELECTRICAL PROPERTIES OF TRANSITION METAL OXIDES UP TO 1800C.
AD-628 321 20L T 66 07 HC$ 3.00 MF$ 0.75

BUCKLING OF CIRCULAR CONICAL SHELLS UNDER UNIFORM AXIAL COMPRESSION.
AD-629 040 20K T 66 08

TECHNION - ISRAEL INST. OF TECH., HAIFA. DEPT. OF AERONAUTICAL ENGINEERING.
EFFECT OF ECCENTRICITY OF STIFFENERS ON THE GENERAL INSTABILITY OF STIFFENED CYLINDRICAL SHELLS UNDER TORSION.
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50

TECHNION - ISRAEL INST. OF TECH., HAIFA. DEPT. OF CHEMISTRY.
SCHUMANN-RUNGE BANDS OF O2 IN SOLID PHASES: SPECTROSCOPIC MEASUREMENT OF INTERMOLECULAR POTENTIALS.
AD-628 720 7D T 66 07

TECHNION - ISRAEL INST. OF TECH., HAIFA. DEPT. OF PHYSICS.
PROPER FUNCTIONS FOR A BLOCH ELECTRON IN A MAGNETIC FIELD.
AD-628 375 20H T 66 07

NUCLEAR RESONANCE IN SHEETS AND POWDERS OF COBALT.
AD-629 255 7D T 66 08

TECHNISCHE HOCHSCHULE, KARLSRUHE (WEST GERMANY). GEOPHYSIKALISCHES INSTITUT.
INVESTIGATIONS ON THE NONELASTIC BEHAVIOR OF THE UPPER MANTLE.
AD-628 068 8K T 66 07 HC$ 1.00 MF$ 0.50

TECHNISCHE HOGESCHOOL, EINDHOVEN, (NETHERLANDS).
THE STEADY STATE AND DYNAMIC BEHAVIOUR OF A BOILING WATER REACTOR.
EURAEC-1164 18I U 41 07 HC$ 1.00 MF$ 0.50

TECHNISCHE HOGESCHOOL. EINDHOVEN (NETHERLANDS).
HEAT TRANSFER AND MIXING STUDIES IN A P.W.R.-REACTOR-LOOP.
EURAEC-1162 18L U 41 08 HC$ 3.00 MF$ 0.75

TELEDYNE INDUSTRIES, INC., ALEXANDRIA, VA. EARTH SCIENCES DIV.
AN EXAMPLE OF MAXIMUM-LIKELIHOOD FILTERING OF LASA SEISMOGRAMS.
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50

TENNESSEE UNIV., KNOXVILLE. DEPT. OF CHEMICAL AND METALLURGICAL ENGINEERING.
THE APPLICATION OF DIFFUSE X-RAY-SCATTERING TO THE STUDY OF THE STRUCTURE OF BINARY ALLOYS.
N66-12873 20B U 41 08 HC$ 1.00 MF$ 0.50

TENNESSEE UNIV., KNOXVILLE. DEPT. OF ELECTRICAL ENGINEERING.
DOUBLE-RECEPTION DISCRETE DATA OPTIMUM CONTINUOUS SIGNAL RECOVERY.
N65-17278 9F U 41 07 HC$ 2.00 MF$ 0.50

A SURVEY AND EVALUATION OF BIAS STABILIZATION TECHNIQUES IN TRANSISTOR CIRCUITS.
TID-21927 9A U 41 07 HC$ 3.00 MF$ 0.75

TENNESSEE VALLEY AUTHORITY, OAK RIDGE, TENN.
RADIOLOGICAL HEALTH MANUAL FOR THE EXPERIMENTAL GAS-COOLED REACTOR. RADIATION PROTECTION STANDARDS AND REGULATIONS.
EGCR-4 6R U 41 07 HC$ 1.00 MF$ 0.50

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF PHYSICS.
THE SPECTRA OF H2O AND D2O IN THE VACUUM ULTRAVIOLET.
AD-628 413 7D T 66 07

TEXAS A AND M UNIV., COLLEGE STATION. INST. OF STATISTICS.
SAMPLING WITH UNEQUAL PROBABILITIES AND WITHOUT REPLACEMENT (EVALUATION OF ASYMPTOTIC VARIANCE FORMULAS).
AD-628 388 12A T 66 07 HC$ 1.60 MF$ 0.50

TEXAS A. AND M. UNIV., COLLEGE STATION. DEPT. OF METEOROLOGY.
RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESO-SCALE SYSTEMS.
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00

TEXAS INSTRUMENTS, INC., DALLAS. APPARATUS RESEARCH AND DEVELOPMENT LAB.
LARGE-ANGLE DEFLECTION TECHNIQUES FOR LASER DISPLAY.
AD-628 046 20E T 66 07 HC$ 2.00 MF$ 0.50

TEXAS INSTRUMENTS, INC., DALLAS. SCIENCE SERVICES DIV.
BASIC RESEARCH IN CRUSTAL STUDIES.
AD-628 385 8K T 66 07 HC$39.20 MF$ 1.75

TEXAS INSTRUMENTS, INC., DALLAS. SEMICONDUCTORCOMPONENTS DIV.
PRODUCTION ENGINEERING MEASURE (PEM) FOR TRANSISTOR, PNP, SILICON, SWITCHING TYPE EL-2N(X-12).
AD-628 128 9A T 66 07 HC$ 2.00 MF$ 0.50

TEXAS NUCLEAR CORP., AUSTIN.
THE KINETICS OF RECUPERATION FOLLOWING 55 MEV PROTON IRRADIATION.
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50

ANGULAR DISTRIBUTION OF GAMMA-RAYS PRODUCED BY FAST NEUTRON INELASTIC SCATTERING IN FE.
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50

TEXAS UNIV., AUSTIN. DEPT. OF CHEMICAL ENGINEERING.
THE PHASE EQUILIBRIA AND CRYSTAL CHEMISTRY OF THE RARE EARTH GROUP VI SYSTEMS. III. NEODYMIUM-TELLURIUM.
AD-628 455 20L T 66 07

THERMOELECTRIC AND ELECTRICAL MEASURE- MENTS IN THE ER-SE SYSTEM.
AD-629 173 20L T 66 08

TEXAS UNIV., AUSTIN. DEPT. OF CHEMISTRY.
SUBSTITUENT EFFECTS. V. FURTHER EVIDENCE CONCERNING THE NATURE OF THE INDUCTIVE EFFECT.
AD-629 498 7D T 66 08

TEXAS UNIV., AUSTIN. DEPT. OF PHYSICS.
TEMPERATURE DEPENDENCE OF THE RATE OF CONVERSION OF HE(+) INTO HE2(+).
AD-628 447 7D T 66 07

COLLISIONAL-RADIATIVE RECOMBINATION OF HE2(+) INTO DISSOCIATIVE STATES.
AD-628 448 7D T 66 07

TEXAS UNIV., GALVESTON. DEPT. OF MICROBIOLOGY.
SUSCEPTIBILITY OF PEROMYSCUS CALIFORNICUS CALIFORNICUS TO INFECTION WITH LEISHMANIA DONOVANI.
AD-628 153 6M T 66 07

THOMAS J. WATSON RESEARCH CENTER, YORKTOWN HEIGHTS, N. Y.
THE LOEVE-KARHUNEN EXPANSION AS A MEANS OF INFORMATION COMPRESSION FOR CLASSIFICATION OF CONTINUOUS SIGNALS.
AD-628 684 9D T 66 07 HC$ 3.60 MF$ 0.50

SPECIFIC-HEAT SINGULARITY IN MNF2.
AD-628 728 20L T 66 07

VAPOR TRANSPORT AND THERMODYNAMIC EQUILIBRIA IN THE GERMANIUM-GALLIUM-IODINE SYSTEM.
AD-629 291 20L T 66 08

MAGNETIC PARAMETERS IN NIF2.
AD-629 293 20L T 66 08

OBSERVATIONS OF 'CLEAN' SURFACES OF SI, GE, AND GAAS BY LOW-ENERGY ELECTRON DIFFRACTION.
AD-629 298 20L T 66 08

THOMAS J. WATSON RESEARCH CENTER. YORKTOWN HEIGHTS, N. Y.
MAGNETIC PROPERTIES OF CUF2.
AD-629 292 20L T 66 08

THOMPSON RAMO WOOLDRIDGE, INC., CLEVELAND, OHIO. MATERIALS RESEARCH AND DEVELOPMENT DEPT.
GENERATION OF LONG TIME CREEP DATA OF REFRACTORY ALLOYS AT ELEVATED TEMPERATURES.
N66-10702 11F U 41 08 HC$ 4.00 MF$ 0.75

TORONTO UNIV. (ONTARIO).
OPERATING BOUNDARIES FOR STEADY HYPERSONIC FLIGHT ON A MINOR

CIRCLE,
AD-629 043 22B T 66 08

TORONTO UNIV. (ONTARIO).
HARMONIC GENERATION BY A NONLINEAR PLASMA CYLINDER.
AD-628 518 20I T 66 07

TORONTO UNIV. (ONTARIO). DEPT. OF MEDICAL BIOPHYSICS.
HOST-CELL INTERACTIONS IN MICE BEARING ISOLOGOUS HEMOPOIETIC GRAFTS (LA GREFFE DES CELLULES HEMATOPOIETIQUES ALLOGENIQUES).
AD-628 462 6P T 66 07

TORONTO UNIV. (ONTARIO). DEPT. OF METALLURGY AND MATERIALS SCIENCE.
THERMODYNAMIC AND ELECTROCHEMICAL PROPERTIES OF ZIRCONIUM CHLORIDES IN ALKALI CHLORIDE MELTS,
AD-628 251 7D T 66 07

TOUR (SAM) AND CO., INC., NEW YORK.
NITRIDING AND CARBONITRIDING OF TITANIUM METAL AND ITS ALLOYS.
AD-629 015 13H T 66 08 HC$ 4.60 MF$ 0.50

TRACOR, INC., AUSTIN, TEX.
PARAMETRIC ANALYSIS OF DOME-TRANSDUCER INTERACTIONS.
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75

TRAVELERS RESEARCH CENTER, INC., HARTFORD, CONN.
THE INFLUENCE OF LOCAL WINDS ON FALLOUT.
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50

BALLISTIC WINDS STUDY.
AD-629 277 19D T 66 08 HC$ 3.60 MF$ 0.50

SUMMARY OF SHORT-PERIOD TERMINAL WEATHER INFORMATION STUDIES.
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75

TRG, INC., MELVILLE, N. Y.
LASER TECHNOLOGY,
AD-628 253 20E T 66 07

SESSION P-3: QUANTUM ELECTRONICS GENER- ATION. P-3.3: FREQUENCY STABILIZATION OF GAS LASERS,
AD-629 158 20E T 66 08

COLLISION LASERS,
AD-629 159 20E T 66 08

PHOTODISSOCIATION OF THALLIUM BROMIDE AND CESIUM BROMIDE,
AD-629 160 7E T 66 08

STRONG 3.27-UPSILON LASER OSCILLATION IN XENON,
AD-629 161 20E T 66 08

TRINITY COLL., DUBLIN (EIRE). SCHOOL OF MATHEMATICS.
METHODS AND RESULTS OF A GENERAL THEORY OF PARTICLES WITH SPIN AND ITS CONNECTION WITH SU12,
AD-628 339 20H T 66 07

SU(12) MASS FORMULA,
AD-628 341 20H T 66 07

THE QUANTIZATION OF FIELDS WITH MAXIMUM SPIN 3/2 AND THE APPLICATION OF SU12,
AD-629 305 20H T 66 08

TRW EQUIPMENT LABS., CLEVELAND, OHIO.
BRAYTON CYCLE CAVITY RECEIVER DESIGN STUDY, JUNE 25, 1963 - JUNE 15, 1965.
N66-12265 10B U 41 08 HC$ 7.00 MF$ 1.75

TRW SPACE TECHNOLOGY LABS., REDONDO BEACH, CALIF.
CARRIER LIFETIME MEASUREMENTS AND RECOMBINATION CHARACTERISTICS IN SILICON AND STUDIES PHENOMENA ASSOCIATED WITH RADIATION INDUCED DEFECT LEVELS,
N66-10647 20L U 41 08 HC$ 1.00 MF$ 0.50

TRW SPACE TECHNOLOGY LABS., REDONO BEACH, CALIF.
INVESTIGATION OF THE ACQUISITION PROBLEM IN SATELLITE ATTITUDE CONTROL.
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50

TRW SYSTEMS, REDONDO BEACH, CALIF.
ON LINE COMPUTER SYMBOLIC MANIPULATION.
AD-628 135 9B T 66 07 HC$19.50 MF$ 1.25

TUFTS UNIV., MEDFORD, MASS. INST. FOR PSYCHOLOGICAL RESEARCH.
EXPERIMENTAL DEAFFERENTATION IN MAN,
AD-628 717 5J T 66 07

REMARKS ON THE RELATION BETWEEN PERCEPTION AND MOTION,
AD-629 300 5J T 66 08

TULANE UNIV., NEW ORLEANS, LA. DEPT. OF CHEMISTRY.
TRIMETHYLENECYCLOPROPANE,
AD-629 394 7C T 66 08

TURKU UNIV. (FINLAND).
MUTATION RATES AT SPECIFIC AUTOSOMAL LOCI IN DIFFERENT SPECIES OF DROSOPHILA.
TID-21601 6C U 41 08 HC$ 1.00 MF$ 0.50

TYCO LABS., INC., WALTHAM, MASS.
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-628 871 10B T 66 07 HC$ 4.00 MF$ 0.75

UED EARTH SCIENCES DIV., TELEDYNE, INC., ALEXANDRIA, VA.
LONG RANGE SEISMIC MEASUREMENTS. CUP.
AD-629 431 8K T 66 08 HC$ 3.60 MF$ 0.50

UNION CARBIDE CORP., OAK RIDGE, TENN. Y-12 PLANT.
SIGNIFICANT PARAMETERS OF CLEAN ROOM DESIGN.
Y-EA-37 14B U 41 08 HC$ 2.00 MF$ 0.50

PRINCIPLES AND OPERATION OF THE ALIGNMENT INTERFEROMETER,
Y-1489 18D U 41 07 HC$ 2.00 MF$ 0.50

UNION CARBIDE CORP., PARMA, OHIO.
MINIATURE HYDROGEN GENERATOR.
AD-628 499 10B T 66 07 HC$ 4.60 MF$ 0.75

UNION CARBIDE CORP., PARMA, OHIO. RESEARCH LAB.
STUDY PROGRAM TO IMPROVE FUEL CELL PERFORMANCE BY PULSING TECHNIQUES.
N66-12168 10B U 41 08 HC$ 3.00 MF$ 0.75

UNION CARBIDE RESEARCH INST., TARRYTOWN, N. Y.
METHODS OF ANALYSIS OF METAL REFRACTORIES. BORIDES, CARBIDES AND NITRIDES OF HAFNIUM NIOBIUM, TANTALUM, TITANIUM AND ZIRCONIUM,
AD-459 048 7B U 41 08 HC$ 2.00

UNITED AIRCRAFT CORP., EAST HARTFORD, CONN.
OPTIMUM POWER-LIMITED ORBIT TRANSFER IN STRONG GRAVITY FIELDS.
AD-629 382 22C T 66 08

UNITED AIRCRAFT CORP., EAST HARTFORD, CONN. RESEARCH LABS.
THEORETICAL RESEARCH ON THERMODYNAMIC AND TRANSPORT PROPERTIES OF GASES AT HIGH TEMPERATURES.
AD-628 911 20I T 66 08 HC$ 1.00 MF$ 0.50

INVESTIGATION OF COLLISION PROBABILITY OF ELECTRONS AND IONS WITH ALKALI METAL ATOMS.
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50

UNITED STATES INDUSTRIAL CHEMICALS CO., CINCINNATI, OHIO.
PROTONATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES. A NEW SYNTHESIS OF NITRILES,
AD-629 112 7C T 66 08

PREPARATION OF ORGANOCYANOCOBALTATE(III) COMPLEXES,
AD-629 122 7C T 66 08

UNITED STATES RUBBER CO., WAYNE, N. J. RESEARCH CENTER.
FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART I. MECHANISM OF DRAG REDUCTION.
AD-628 685 20D T 66 07 HC$ 3.00 MF$ 0.75

UNITED STATES RUBBER CO., WAYNE, N. J. RESEARCH CENTER.
PHOSPHONITRILIC POLYMERS STABLE AT HIGH TEMPERATURES.
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50

FLOW PROPERTIES OF DILUTE SOLUTIONS OF POLYMERS. PART II. EQUIPMENT FOR DETERMINING FLOW BEHAVIOR.
AD-628 686 20D T 66 07 HC$ 2.00 MF$ 0.50

UNIVERSIDAD CATOLICA DE CHILE, SANTIAGO. LABORATORIO DE FISIOLOGIA.
VASOPRESSOR AND OXYTOCIC ACTIVITIES IN HUMAN HYPOTHALAMUS, POSTERIOR AND ANTERIOR LOBES OF THE PITUITARY GLAND,
AD-629 559 6P T 66 08

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO. INSTITUTO DE INGENIERIA.
ULTIMATE LOADS OF A CLASS OF SHELLS OF MATERIAL WITH NON-LINEAR BEHAVIOR,
AD-628 509 13M T 66 07 MF$ 0.75

ON THE STRENGTH OF CLAYEY SOILS. A STUDY OF THE SHEARING RESISTANCE MECHANISM OF THE STRUCTURAL LEVEL,
AD-628 510 8M T 66 07 HC$19.50 MF$ 1.25

UNIVERSITY COLL. OF WALES, ABERYSTWYTH.
PROCESSES OF MODERNIZATION AND OF URBAN AND INDUSTRIAL TRANSFORMATION UNDER CONDITIONS OF STRUCTURAL DUALITY,
AD-629 235 5K T 66 08

UNIVERSITY COLL., LONDON (ENGLAND).
OCTOPUS OPTIC RESPONSES,
AD-628 743 6C T 66 07

UNIVERSITY COLL., LONDON (ENGLAND). DEPT. OF ANATOMY.
FINAL REPORT ON GRANT NO. AF-EOAR-62-37,
AD-628 237 6C T 66 07 HC$ 1.10 MF$ 0.50

SOME OBSERVATIONS ON THE FOOD INTAKE AND LEARNING IN OCTOPUS VULGARIS,
AD-628 370 6C T 66 07

THE CENTRES FOR TOUCH DISCRIMINATION IN OCTOPUS,
AD-629 296 6C T 66 08

THE BUCCAL NERVOUS SYSTEM OF OCTOPUS,
AD-629 297 6C T 66 08

FURTHER OBSERVATIONS ON FORCES EXERTED BY OCTOPUS VULGARIS,
AD-629 299 6C T 66 08

UNIVERSITY COLL., LONDON (ENGLAND). DEPT. OF PHYSICS.
NIGHT-TIME ELECTRON TEMPERATURES IN THE UPPER F REGION,
AD-628 234 4A T 66 07 HC$ 1.00 MF$ 0.50

UNIVERSITY OF SOUTH FLORIDA, TAMPA. DEPT. OF CHEMISTRY.
ORGANOMETALLIC COMPOUNDS. V. KINETICS OF PHENYLTIN CLEAVAGE BY A CHELATING AGENT.
AD-628 652 7C T 66 07

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF

ELECTRICAL ENGINEERING.
DOUBLE EXCHANGE FOR POLARONS,
AD-629 062 20C T 66 08

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF PSYCHOLOGY.
MULTIDIMENSIONAL SCALING AND COGNITION: I. RELATIONS AMONG JUDGEMENTS OBTAINED UNDER VARYING CONDITIONS,
AD-628 221 5J T 66 07 HC$ 2.00 MF$ 0.50

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF GEOLOGY.
GEOLOGIC STUDIES OF SOUTHERN CALIFORNIA SUBMARINE CANYONS.
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF PHYSICS.
THEORY OF PHONON-ASSISTED TUNNELING IN SEMICONDUCTORS,
AD-628 445 20L T 66 07

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES. DEPT. OF ELECTRICAL ENGINEERING.
INVARIANCE, UNCONTROLLABILITY, AND UNOBSERVABILITY IN DYNAMICAL SYSTEMS,
AD-628 697 12A T 66 07

UNIVERSITY OF WESTERN ONTARIO (LONDON). DEPT. OF PHYSICS.
THE ANISOTROPY OF IONOSPHERIC IRREGULARITIES DEDUCED FROM V.H.F. SCATTER MEASUREMENTS,
AD-629 356 4A T 66 08

UNIVERSITY OF WESTERN ONTARIO, LONDON. DEPT. OF CHEMISTRY.
STRUCTURES OF MERCURY MERCAPTIDES. PART II. X-RAY STRUCTURAL ANALYSIS OF MERCURY ETHYLMERCAPTIDE.
AD-628 569 20B T 66 07

UNIVERSITY OF WESTERN ONTARIO, LONDON. DEPT. OF PHYSICS.
A METHOD OF DETERMINING CROSS-CORRELATION COEFFICIENTS OF TIME-VARYING SIGNALS,
AD-629 325 20N T 66 08

REFRACTOMETER RESPONSE TO A HUMID ENVIRONMENT.
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75

UPPSALA UNIV. (SWEDEN). QUANTUM CHEMISTRY GROUP.
TABLE OF SANIBEL (SPIN PROJECTION) COEFFICIENTS.
AD-628 834 20J T 66 07 HC$ 3.00 MF$ 0.75

RESONANCE ENERGY AND IONIC ATTRACTION IN HETEROMOLECULES,
AD-628 835 7D T 66 07 HC$ 1.10 MF$ 0.50

UPPSALA UNIV. (SWEDEN). GEODETIC INST.
RESEARCH ON METHODS OF DETERMINING LEVEL SURFACES OF THE EARTH'S GRAVITY FIELD.
AD-628 797 8E T 66 07 HC$ 2.60 MF$ 0.50

UPPSALA UNIV. (SWEDEN). QUANTUM CHEMISTRY GROUP.
THE CALCULATION OF UPPER AND LOWER BOUNDS OF ENERGY EIGENVALUES IN PERTURBATION THEORY BY MEANS OF PARTITIONING TECHNIQUE,
AD-628 315 20J T 66 07 HC$ 4.60 MF$ 0.50

QUANTUM THEORY OF MANY-PARTICLE SYSTEMS.
AD-628 316 20J T 66 07 HC$ 2.60 MF$ 0.50

THE GROUND-STATE THREE-BODY CORRELATION FUNCTION IN A DILUTE BOSON GAS WITH HARD-SPHERE INTERACTION.
AD-629 091 20J T 66 08 HC$ 1.60 MF$ 0.50

USAF RADIATION LAB., UNIV. OF CHICAGO, ILL.
USAF RADIATION LABORATORY QUARTERLY PROGRESS REPORT NO. 58.
AD-629 311 6R T 66 08 HC$ 2.00 MF$ 0.50

UTAH RESEARCH AND DEVELOPMENT CO., SALT LAKE CITY.
THEORETICAL AND EXPERIMENTAL STUDY OF LOW-VELOCITY PENETRATION PHENOMENA.
AD-467 443 20K U 41 08 HC$ 2.00 MF$ 0.50

UTAH STATE UNIV., BEDFORD, MASS. CONCORD RADIANCE LAB.
OBSERVATION OF THE DELTA NU=1 SEQUENCE OF OH PRODUCED IN THE H + O3 REACTION.
AD-629 115 4A T 66 08

UTAH STATE UNIV., LOGAN. DEPT. OF CHEMISTRY.
THE HEAT OF COMBUSTION AND STRAIN ENERGY OF 2,2-PARACYCLOPHANE,
AD-629 467 7D T 66 08

UTAH UNIV. SALT LAKE CITY. INST. OF METALS AND EXPLOSIVES RESEARCH.
INFLUENCE OF ELECTRICAL FIELDS ON SHOCK OF DETONATION TRANSITION.
AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50

UTAH UNIV., SALT LAKE CITY.
FINAL REPORT,
AD-628 318 6E T 66 07 HC$ 1.10 MF$ 0.50

UTAH UNIV., SALT LAKE CITY. INST. OF METALS AND EXPLOSIVES RESEARCH.
ORIGIN OF DETONATION-GENERATED IONIZATION WAVES,
AD-629 231 19D T 66 08 HC$ 2.00 MF$ 0.50

DETONATION-GENERATED IONIZATION WAVES AT REDUCED PRESSURES.
AD-629 238 19D T 66 08 HC$ 2.00 MF$ 0.50

UTAH UNIV., SALT LAKE CITY. UPPER AIR RESEARCH LABS.
RF PROBE TECHNIQUES FOR IONOSPHERIC MEASUREMENTS.
AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50

VALPEY FISHER CORP., HOLLISTON, MASS.
QUARTZ CRYSTAL UNIT CR-(XH-37)/U. COMPLETION REPORT STEP I.
AD-628 517 9A T 66 07 HC$14.60 MF$ 1.00

VARIAN ASSOCIATES, PALO ALTO, CALIF.
INVESTIGATION OF ELECTRONIC INTERACTION WITH OPTICAL RESONATORS FOR MICROWAVE GENERATION AND AMPLIFICATION.
AD-629 153 20F T 66 08 HC$ 1.00 MF$ 0.50

VELA SEISMIC INFORMATION ANALYSIS CENTER, UNIV. OF MICHIGAN, ANN ARBOR.
VESIAC SEMIANNUAL INDEX OF BULLETIN CONTENTS.
AD-629 263 8K T 66 08 HC$ 1.10 MF$ 0.50

VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS.
AD-629 264 8K T 66 08 HC$ 1.60 MF$ 0.50

VERMONT UNIV., BURLINGTON. DEPT. OF PHYSICS.
INTERACTION POTENTIALS OF SIMPLE NONPOLAR MOLECULES WITH BORON NITRIDE.
AD-629 396 7D T 66 08

VERTOL DIV., BOEING CO., MORTON, PA.
STUDY OF TANDEM ROTOR HELICOPTER DYNAMICS FOLLOWING POWER FAILURE AT HIGH SPEED.
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50

INVESTIGATION OF AN ISOLATED MONOCYCLIC V/STOL PROPELLER PERFORMANCE AND OSCILLATORY STRESS.
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75

VICTORIA UNIV. (BRITISH COLUMBIA).
A MULTILAYER CONDUCTING EARTH IN THE FIELD OF PLANE WAVES.
AD-629 320 20C T 66 08

VIDYA DIV., ITEK CORP., PALO ALTO, CALIF.
THEORETICAL AERODYNAMICS OF FLEXIBLE WINGS AT LOW SPEEDS. V. ENGINEERING METHOD FOR ESTIMATING PARAWING PERFORMANCE.
AD-628 579 20D T 66 07 HC$11.60 MF$ 0.75

LAMINAR FLOW REGIMES FOR RIGID-SPHERE SUSPENSIONS.
AD-629 312 20D T 66 08 HC$ 3.00 MF$ 0.75

VIRGINIA POLYTECHNIC INST., BLACKSBURG.
EXACT DISTRIBUTION OF THE SUM OF INDEPENDENT IDENTICALLY DISTRIBUTED DISCRETE RANDOM VARIABLES,
AD-628 654 12A T 66 07

THE PERFORMANCE OF SEVERAL TESTS FOR OUTLIERS,
AD-628 655 12A T 66 07

VIRGINIA UNIV., CHARLOTTESVILLE.
THE VISCOSITY OF FOUR BINARY, GASEOUS MIXTURES AT 20 AND 30C.
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75

VIRGINIA UNIV., CHARLOTTESVILLE. DEPT. OF PHYSICS.
RECOMBINATION LUMINESCENCE IN THE SCINTILLATION OF NORMAL AND SUPERFLUID LIQUID HELIUM,
AD-628 657 20F T 66 07

VIRGINIA UNIV., CHARLOTTESVILLE. RESEARCH LABS. FOR THE ENGINEERING SCIENCES.
THE DEVELOPMENT OF AN ELECTRIC FIELD METER TO MEASURE SMALL VARIATIONS IN THE EARTH'S FIELD,
AD-628 369 14B T 66 07 HC$ 3.00 MF$ 0.50

VIRGINIA, UNIV., CHARLOTTESVILLE.
MEASUREMENTS OF FAST NEUTRON CROSS SECTIONS,
NMPP-FRPC-64-2 18K U 41 07 HC$ 3.00 MF$ 0.75

VITRO LABS., SILVER SPRING, MD.
THE LETHAL VOLUME OF A CONTINUOUS ROD WARHEAD,
AD-629 390 16C T 66 08 HC$ 3.00 MF$ 0.75

VON KARMAN CENTER, AEROJET-GENERAL CORP., AZUSA, CALIF.
SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME II. MOLECULAR PUMP.
N65-17271 18N U 41 07 HC$ 4.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME III. DYNAMIC SLINGER,
N65-17272 18N U 41 07 HC$ 3.00 MF$ 0.75

SNAP-8 SEALS-TO-SPACE DEVELOPMENT TEST PROGRAM VOLUME IV. INTEGRATED SEAL SIMULATOR.
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50

VON KARMAN INST. FOR FLUID DYNAMICS, RHODE-SAINT-GENESE (BELGIUM).
LAMINAR SEPARATION IN SUPERSONIC AND HYPERSONIC FLOWS.
AD-628 182 20D T 66 07 HC$ 3.60 MF$ 0.50

RECOVERY OF INTERPLANETARY VEHICLES BY LOW-THRUST BRAKING OUTSIDE THE ATMOSPHERE,
AD-629 209 22C T 66 08

VOUGHT AERONAUTICS DIV., LING-TEMCO-VOUGHT, INC., DALLAS, TEX.
ENGINEERING INVESTIGATION AND TESTS WHICH FURTHER SUBSTANTIATE SYSTEM FEASIBILITY AND PROVIDE DATA RELATIVE TO THE DEVELOPMENT OF A NUCLEAR LOW ALTITUDE SUPERSONIC VEHICLE. PART II. TECHNICAL INFORMATION. VOLUME 9. NUCLEAR RADIATION EFFECTS TEST NO. 10, FLYAWAY.
AD-459 593 16D U 41 08 HC$25.60

ENGINEERING INVESTIGATION AND TESTS WHICH FURTHER SUBSTANTIATE SYSTEM FEASIBILITY AND PROVIDE DATA RELATIVE TO THE DEVELOPMENT OF A NUCLEAR LOW ALTITUDE SUPERSONIC VEHICLE. PART II. TECHNICAL INFORMATION. VOLUME 10. NUCLEAR RADIATION EFFECTS TEST NO. 18, FLYAWAY.

AD-459 663 16D U 41 08 HC$22.00

WAKOFF RESEARCH CENTER, STATEN ISLAND, N. Y.
PSYCHOSOCIAL FACTORS IN MILITARY DEVIANCE.
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50

WALTER REED ARMY INST. OF RESEARCH, WASHINGTON, D. C.
PRINCIPLES AND TECHNIQUES IN ARMY MENTAL HYGIENE CONSULTATION.
AD-628 735 6E T 66 07 HC$ 1.00 MF$ 0.50

WASHINGTON STATE UNIV., PULLMAN.
SHORT-TERM RETENTION AS A FUNCTION OF ITEM FREQUENCY.
AD-629 382 5J T 66 08

SHORT-TERM RETENTION AS A FUNCTION OF WORD FREQUENCY.
AD-629 383 5J T 66 08

NOTE ON INDIVIDUAL STORAGE LOADS AND INDIVIDUAL LOAD REDUCTIONS.
AD-629 697 5J T 66 08

WASHINGTON STATE UNIV., PULLMAN. PRIMATE RESEARCH CENTER.
ULTRASOUND AND PHAKOMETRY MEASUREMENTS OF THE PRIMATE EYE.
AD-629 079 6C T 66 08 HC$ 2.00

WASHINGTON UNIV., SEATTLE.
INTERNAL CONVERSION IN FE57 FROM THE MOSSBAUER EFFECT IN IRON.
AD-628 824 20H T 66 07

MEAN-SQUARE NUCLEAR DISPLACEMENT OF FE57 IN ZN FROM THE MOSSBAUER EFFECT.
AD-628 825 20H T 66 07

EFFECTS OF TURBULENCE IN HE II THERMAL COUNTERFLOW.
AD-629 533 20D T 66 08

WASHINGTON UNIV., SEATTLE. DEPT. OF ATMOSPHERIC SCIENCES.
ON THE USE OF INTERMEDIATE INFRARED AND MICROWAVE INFRARED IN WEATHER SATELLITES.
N66-12983 4B U 41 08 HC$ 3.00 MF$ 0.50

WASHINGTON UNIV., SEATTLE. DEPT. OF CHEMISTRY.
INFRARED SPECTRUM OF (12)C(18)O2.
AD-629 380 7D T 66 08

WASHINGTON UNIV., SEATTLE. LAB. OF STATISTICAL RESEARCH.
A STOCHASTIC CHARACTERIZATION OF WEAR-OUT FOR COMPONENTS AND SYSTEMS.
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50

WASHINGTON UNIV., SEATTLE. SCHOOL OF MEDICINE.
THE FINE STRUCTURE OF TWO UNUSUAL STALKED BACTERIA.
AD-628 689 6M T 66 07

WASHINGTON UNIV., ST. LOUIS, MO.
A NOTE ON INDEFINITE INTEGRALS.
AD-628 090 12A T 66 07

WASHINGTON UNIV., ST. LOUIS, MO. DEPT. OF PHYSICS.
PARAMAGNETIC RESONANCE ABSORPTION OF FREE RADICALS AND OTHER SUBSTANCES.
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50

WATERTOWN ARSENAL LABS., MASS.
METALLURGICAL ADVISORY COMMITTEE ON TITANIUM. SUMMARY OF ROUND TABLE MEETING ON SURACE TREATMENT OF TITANIUM.
AD-628 992 13H T 66 08 HC$ 1.60 MF$ 0.50

METALLOGRAPHIC METHODS ETCHING FOR BAINITIC FINE CARBIDES.
A METALLOGRAPHIC METHOD FOR REVEALING THE FINE CARBIDES IN BAINITE FORMED DURING CONTINUOUS COOLING IN A NICKEL-CHROMIUM-MOLYBDENUM COMPOSITION.
AD-629 644 11F T 66 08 HC$ 3.60 MF$ 0.50

WATERVLIET ARSENAL, N. Y. BENET LABS.
THE RECOVERY OF THE ULTRASONIC ATTENUATION IN COPPER SINGLE CRYSTALS FOLLOWING SMALL PLASTIC DEFORMATION.
AD-628 939 20B T 66 08 HC$ 1.25 MF$ 0.50

WAYNE STATE UNIV., DETROIT, MICH. COLL. OF ENGINEERING.
DIGITAL COMPUTER METHODS IN THE SOLUTION OF BOUNDARY VALUE PROBLEMS FOR THE NATURAL FREQUENCIES OF LAMINATED, ELASTIC, VISCOELASTIC BEAMS HAVING UNSYMETRICAL MOUNTINGS.
AD-629 372 20K T 66 08 HC$ 6.60 MF$ 0.75

WEAPONS RESEARCH ESTABLISHMENT, SALISBURY (SOUTH AUSTRALIA).
RESULTS AND CONCLUSIONS OF THE JOINT R.A.E/W.R.E. RESEARCH PROGRAMME ON THE FLIGHT DYNAMICS AND BALLISTIC CONSISTENCY OF FREELY FALLING CRUCIFORM FINS.
PB-169 224 19B U 41 07 HC$ 4.00 MF$ 1.00

WEATHER BUREAU, WASHINGTON, D. C.
ON THE PROBABILITY FORECASTING OF THE OCCURRENCE OF PRECIPITATION.
PB-169 246 4B U 41 07 HC$ 2.00 MF$ 0.50

THE VALUE OF WEATHER FORECASTS.
PB-169 374 4B U 41 08 HC$ 1.60 MF$ 0.50

FORECASTING NORTHERLY WINDS IN NORTHERN AND CENTRAL CALIFORNIA.
PB-169 375 4B U 41 08 HC$ 1.60 MF$ 0.50

FORECASTING DAYTIME TEMPERATURES UTILIZING AVAILABLE SOLAR ENERGY.
PB-169 385 4B U 41 08 HC$ 1.00 MF$ 0.50

700-MB. WARM AIR ADVECTION AS A FORECASTING TOOL FOR MONTANA AND NORTHERN IDAHO.
PB-169 386 4B U 41 08 HC$ 1.60 MF$ 0.50

WEATHER BUREAU, WASHINGTON, D. C. WEATHER ANALYSIS AND PREDICTION DIV.
FORECASTING THE FREEZING LEVEL OBJECTIVELY AS AN AID IN FORECASTING THE LEVEL OF ICING.
PB-169 247 4B U 41 07 HC$ 1.00 MF$ 0.50

WEATHER GROUP (4TH), ANDREWS AFB, WASHINGTON, D. C.
THE RADIATION ENVIRONMENT.
AD-465 928 4A U 41 08 HC$ 4.00 MF$ 0.75

WEBB ASSOCIATES, YELLOW SPRINGS, OHIO.
BIOASTRONAUTICS DATA BOOK.
N65-15594 6C U 41 07 MF$ 2.00

WEIZMANN INST. OF SCIENCE, REHOVOTH (ISRAEL). DEPT. OF BIOPHYSICS.
SYNTHESIS OF TRITIATED POLY-L-LYSINE (GAMMA, DELTA-T2).
AD-629 294 6A T 66 08

WEIZMANN INST. OF SCIENCE, REHOVOTH (ISRAEL).
INFRARED SPECTRA OF HCl IN PURE AND IMPURE NOBLE GAS MATRICES. ABSOLUTE INTENSITIES.
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50

NEW DETERMINATION OF THE STRENGTH OF THE V3 BAND OF WATER VAPOR FORM DISPERSION MEASUREMENTS.
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50

ON THE OXIDATION-REDUCTION POTENTIAL OF THE PHOTOPRODUCED REDUCTANT OF ISOLATED CHLOROPLASTS.
AD-629 288 6A T 66 08

ULTRASOUND CHEMICAL EFFECTS ON PURE ORGANIC LIQUIDS.
AD-629 295 7C T 66 08

WEIZMANN INST. OF SCIENCE, REHOVOTH (ISRAEL). DEPT. OF APPLIED MATHEMATICS.
THE NUMERICAL INTEGRATION OF THE EQUATIONS OF MOTION OF A VISCOUS FLUID, PART 1.
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50

MAGNETOHYDRODYNAMIC FLOW IN THE INLET REGION OF A STRAIGHT CHANNEL.
AD-628 180 20I T 66 07 HC$ 4.60 MF$ 0.50

ASYMPTOTIC APPROACH TO HARTMANN-POISEUILLE FLOWS.
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50

WEST VIRGINIA UNIV., MORGANTOWN.
ANNUAL STATUS REPORT TO NATIONAL AERONAUTICS AND SPACE ADMINISTRATION.
N66-10886 5A U 41 08 HC$ 1.00 MF$ 0.50

WESTAT RESEARCH ANALYSTS, INC., DENVER, COLO.
SOME THEORETICAL ASPECTS OF THE IMPROVEMENT OF DOCUMENT SCREENING BY ASSOCIATIVE TRANSFORMATIONS.
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50

WESTERN MANAGEMENT SCIENCE INST., UNIV. OF CALIFORNIA, LOS ANGELES.
ON THE ASYMPTOTIC BEHAVIOR OF K-MEANS.
AD-629 518 12A T 66 08 HC$ 1.60 MF$ 0.50

ON SOLVING BI-CRITERION MATHEMATICAL PROGRAMS.
AD-629 519 12B T 66 08 HC$ 3.60 MF$ 0.50

COHERENT BIDDING STRATEGIES AND COMPETITIVE BEHAVIOR.
AD-629 520 12B T 66 08 HC$ 2.60 MF$ 0.50

SOME RECTANGULAR GAMES WITH A TWO-MAN TEAM.
AD-629 521 12B T 66 08 HC$ 3.60 MF$ 0.50

WESTERN RESERVE UNIV., CLEVELAND, OHIO. DEPT. OF PHYSIOLOGY.
RELEASE OF VASOPRESSIN FROM ISOLATED GUINEA PIG POSTERIOR PITUITARIES.
AD-629 599 6P T 66 08

WESTERN RESERVE UNIV., CLEVELAND, OHIO. SCHOOL OF MEDICINE.
STUDIES OF THE IMMUNOLOGICAL FACTORS INVOLVED IN HOMOLOGOUS TISSUE TRANSPLANTATION.
AD-628 857 6E T 66 07 HC$ 3.00 MF$ 0.75

WESTINGHOUSE ATOMIC POWER DIV., PITTSBURGH, PA.
FRACTURE MECHANICS! A BASIS FOR BRITTLE FRACTURE PREVENTION.
AD-629 436 20K T 66 08 HC$ 3.00 MF$ 0.75

WESTINGHOUSE DEFENSE AND SPACE CENTER, BALTIMORE, MD. AEROSPACE DIV.
PLANAR INTEGRATION OF THIN FILM UNITS.
AD-455 010 9A U 41 08 HC$ 3.60

WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD.
THERMAL OPTIC DISTORTION.
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50

A UNIVERSAL ASSEMBLY MAPPING LANGUAGE! 19.1.
AD-629 371 9B T 66 08

RESEARCH ON FAILURE FREE SYSTEMS.
N66-13048 9B U 41 07 HC$ 5.00 MF$ 1.00

WESTINGHOUSE ELECTRIC CORP., BALTIMORE, MD. AEROSPACE DIV.
INVESTIGATION OF THIN DIELECTRIC FILMS FOR ENERGY CONVERSION.
N66-10613 10A U 41 08 HC$ 4.00 MF$ 1.00

WESTINGHOUSE ELECTRIC CORP., LIMA, OHIO. AEROSPACE

ELECTRICAL DIV.
100 wATT THERMOELECTRIC POWER SYSTEM FOR BUOY APPLICATIONS.
AD-629 006 10B T 66 08 HC$ 1.00 MF$ 0.50

WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA. ATOMIC POWER DIV.
THEORETICAL CALCULATIONS OF INELASTIC SCATTERING MATRICES FOR MULTIGROUP REACTOR ANALYSIS.
WCAP-3269-34 18K U 41 08 HC$ 3.00 MF$ 0.50

WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA. RESEARCH LABS.
ELECTRON COLLISION CROSS SECTIONS IN METAL VAPORS.
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50

WESTINGHOUSE RESEARCH LABS., PITTSBURGH, PA.
DEVELOPMENT OF A MULTIPURPOSE KIT. FIFTH REPORT PHASE III.
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50

INVESTIGATION OF LARGE-AREA DISPLAY SCREEN USING LIQUID CRYSTALS.
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00

WESTON GEOPHYSICAL RESEARCH, INC., MASS.
CHARACTERISTICS AND PROPERTIES OF EXTREME SEISMIC EVENTS.
AD-629 088 8K T 66 08 HC$ 4.00 MF$ 1.00

WESTON INSTRUMENTS, INC., NEWARK, N. J.
ALLOYS OF IMPROVED ELASTIC PROPERTIES.
AD-629 726 11F T 66 08 HC$ 3.00 MF$ 0.50

AD-629 727 11F T 66 08 HC$ 4.00 MF$ 0.75

WETHERILL CHEMISTRY LABS., PURDUE UNIV., LAFAYETTE, IND.
SELECTIVE REDUCTIONS. VI. THE REACTION OF LITHIUM TRI-T-BUTOXY ALUMINOHYDRIDE WITH PHENOLIC ESTERS. A NEW ALDEHYDE SYNTHESIS,
AD-629 448 7C T 66 08

SELECTIVE REDUCTIONS. VII. REACTION OF LITHIUM TRIMETHOXYALUMINOHYDRIDE WITH SELECTED ORGANIC COMPOUNDS CONTAINING REPRESENTATIVE FUNCTIONAL GROUPS,
AD-629 450 7C T 66 08

SELECTIVE REDUCTIONS. VIII. THE STEREOCHEMISTRY OF REDUCTION OF CYCLIC AND BICYCLIC KETONES BY THE ALKOXY-SUBSTITUTED LITHIUM ALUMINUM HYDRIDES,
AD-629 470 7C T 66 08

WHITTAKER CORP., LOS ANGELES, CALIF.
A SURVEY OF COMPOSITE MATERIALS AND STRUCTURES,
AD-628 668 11D T 66 07 HC$ 1.00 MF$ 0.50

WHITTAKER CORP., SAN DIEGO, CALIF.
RESEARCH ON AN EXPANDABLE AIRLOCK UTILIZING THE ELASTIC RECOVERY PRINCIPLE.
N66-13023 22A U 41 08 HC$ 4.00 MF$ 0.75

WICHITA STATE UNIV., KANS. DEPT. OF AERONAUTICAL ENGINEERING.
INVESTIGATION OF THE CONCEPT OF DIRECT FLIGHT CONTROL.
AD-628 087 1C T 66 07 HC$ 2.00 MF$ 0.50

WINDSOR UNIV. (ONTARIO). DEPT. OF PHYSICS.
SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. IV. ENERGY TRANSFER IN RUBIDIUM -RUBIDIUM COLLISIONS,
AD-628 744 7E T 66 07

SENSITIZED FLUORESCENCE IN VAPORS OF ALKALI METALS. III. ENERGY TRANSFER IN CESIUM-CESIUM COLLISIONS,
AD-629 065 7E T 66 08

WISCONSIN UNIV., MADISON.
MECHANISM OF STRESS CORROSION CRACKING IN FACE-CENTERED-CUBIC METALS.
AD-628 085 11F T 66 07 HC$ 1.00 MF$ 0.50

PERTURBATIONS OF A NONLINEAR VOLTERRA EQUATION,
AD-628 088 12A T 66 07

WISCONSIN UNIV., MADISON. DEPT. OF ELECTRICAL ENGINEERING.
SURFACE WAVE AND ANTENNA ENGINEERING RESEARCH STUDY.
AD-628 859 9E T 66 07 HC$ 1.00 MF$ 0.50

WISCONSIN UNIV., MADISON. SOLAR ENERGY LAB.
PHOTOVOLTAIC POWER SYSTEMS USING HIGH SOLAR ENERGY FLUXES.
AD-629 241 10B T 66 08 HC$ 3.00 MF$ 0.75

WISCONSIN UNIV., MADISON. THEORETICAL CHEMISTRY INST.
DETERMINATION AND ASSESSMENT OF MORSE POTENTIAL FUNCTIONS FOR SOME NONPOLAR GASES.
AD-628 480 7D T 66 07

DIRECT CALCULATION OF CONTRIBUTIONS TO THE SECOND-ORDER ENERGY OF HELIUM,
AD-628 481 7D T 66 07

APPROXIMATION OF EXPECTATION VALUES,
AD-628 482 7D T 66 07

DETERMINATION OF INTERMOLECULAR FORCES,
AD-628 483 7D T 66 07

RELATIVISTIC INTERMOLECULAR FORCES.
N66-10959 20J U 41 08 HC$ 4.00 MF$ 0.75

IMPROVEMENT OF UNCOUPLED HARTREE-FOCK EXPECTATION VALUES FOR PHYSICAL PROPERTIES,
N66-11749 20J U 41 08 HC$ 1.00 MF$ 0.50

CENTRAL POTENTIALS FOR POLYATOMIC MOLECULES. A SURVEY OF MORSE POTENTIALS DETERMINED FROM VISCOSITY AND THE SECOND VIRIAL COEFFICIENT,
N66-13082 7C U 41 08 HC$ 1.00 MF$ 0.50

WOODS HOLE OCEANOGRAPHIC INSTITUTION, MASS.
CESIUM 131 TRACER FOR YIELD DETERMINATION IN CESIUM RADIOCHEMISTRY.
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50

BIBLIOGRAPHY OF REPORTS 1965,
AD-628 758 8J T 66 07 HC$ 1.00 MF$ 0.50

OBSERVATION WINDOWS OF THE DEEP SUBMERSIBLE, ALVIN.
AD-629 592 13J T 66 08 HC$ 3.60 MF$ 0.50

WYLE LABS., INC., HUNTSVILLE, ALA. TESTING DIV.
THE EFFECTS UPON SHOCK MEASUREMENTS OF LIMITED FREQUENCY RESPONSE INSTRUMENTATION,
N66-12191 14B U 41 08 HC$ 2.00 MF$ 0.50

XAVIER UNIV., CINCINNATI, OHIO. SEISMOLOGICAL OBSERVATORY.
EARTHQUAKE HISTORY OF OHIO,
AD-629 073 8K T 66 08

YALE UNIV., NEW HAVEN, CONN.
EFFECT OF FINITE LIFE OF UPPER LEVEL ON PROBABILITY OF COULOMB EXCITATION,
AD-628 267 20H T 66 07

YALE UNIV., NEW HAVEN, CONN. DEPT. OF CHEMISTRY.
THE DIMERIZATION OF GASEOUS BENZYNE,
AD-629 681 7C T 66 08

YALE UNIV., NEW HAVEN, CONN. DEPT. OF MATHEMATICS.
REAL BANACH ALGEBRAS,
AD-629 083 12A T 66 08

INVERSE LIMIT SEQUENCES WITH COVERING MAPS,
AD-629 143 12A T 66 08

NORM DECREASING HOMOMORPHISMS OF GROUP ALGEBRAS,
AD-629 617 12A T 66 08

NON-ASSOCIATIVE NORMED ALGEBRAS AND HURWITZ' PROBLEM,
AD-629 618 12A T 66 08

ON FUNCTIONS WITH FOURIER TRANSFORMS IN L(P),
AD-629 619 12A T 66 08

HILBERT ALGEBRAS WITH IDENTITY,
AD-629 621 12A T 66 08

YALE UNIV., NEW HAVEN, CONN. DEPT. OF PHYSICS.
QUENCHING OF NA RADIATION BY HE,
AD-629 072 7D T 66 08

YALE UNIV., NEW HAVEN, CONN. SCHOOL OF FORESTRY.
SHEAR DEFLECTION OF WOOD BEAMS.
AD-628 545 13M T 66 07

ACCESSION/REPORT NUMBER INDEX

AAD-51255
N66-10613 10A U 41 08 HC$ 4.00 MF$ 1.00
AAL TR-65-10
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50
AAL TR-65-11
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50
AAL TR-65-12
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50
AAL-TR-65-18
AD-629 348 6F T 66 08 HC$ 1.00 MF$ 0.50
AAL-TR-65-22
AD-629 347 6G T 66 08 HC$ 1.60 MF$ 0.50
ABMA-DA-TM-57-59
AD-629 275 13D T 66 08 HC$ 1.60 MF$ 0.50
ACF-4 13H U 41 07 HC$ 1.00 MF$ 0.50
ACIC-REF-PUB-18
AD-628 832 3B T 66 07 HC$ 2.00 MF$ 0.50
ACNP-63580 18I U 41 07 HC$ 1.00 MF$ 0.50
ACNP-64545 18L U 41 08 HC$ 2.00 MF$ 0.50
ACNP-65006 18J U 41 07 HC$ 4.00 MF$ 0.75
AD 206 746
PB-169 368 14B U 41 08 HC$ 3.60 MF$ 0.50
AD 249 541
PB-169 173 5J U 41 07 HC$ 5.00 MF$ 1.00
AD 252 803
PB-169 236 17G U 41 07 HC$ 3.00 MF$ 0.75
AD 620 226
N66-10215 7C U 41 08 HC$ 5.00 MF$ 1.25
AD-265 898 17B U 41 08 HC$ 1.00
AD-287 161 8K U 41 07 HC$ 3.00
AD-294 474 20I U 41 08 HC$ 1.00
AD-294 845 9A U 41 08 HC$ 4.00
AD-294 866 20I U 41 08 HC$ 3.00
AD-401 050 9A U 41 07 HC$ 2.00
AD-402 832 9E U 41 08 HC$ 2.00
AD-407 604 20C U 41 07 HC$ 1.00
AD-408 398 9A U 41 07 HC$ 3.00
AD-417 124 4B U 41 07 HC$ 7.25
AD-421 001 9A U 41 07 HC$ 2.00
AD-425 715 18N U 41 07 HC$ 1.00
AD-427 895 9A U 41 07 HC$ 3.00
AD-430 087 1B U 41 07 HC$ 5.00
AD-430 130 18H U 41 07 HC$ 2.00
AD-432 200 20J U 41 08 HC$ 3.00
AD-437 141 9A U 41 07 HC$ 3.00
AD-441 930 22C U 41 08 HC$ 3.00
AD-444 071 17I U 41 08 HC$ 1.00
AD-449 746 14B U 41 07 HC$ 2.00
AD-449 823 17I U 41 08 HC$ 1.00
AD-450 629 21F U 41 08 HC$ 1.00
AD-451 427 13K U 41 08 HC$ 7.60
AD-451 653 20N U 41 07 HC$ 1.00
AD-452 952 12A U 41 08 HC$ 2.00
AD-455 010 9A U 41 08 HC$ 3.60
AD-456 491 11L U 41 07 HC$ 1.00
AD-457 165 9B U 41 07 HC$ 2.00
AD-457 952 14E U 41 08 HC$ 2.00
AD-458 368 14B U 41 08 HC$ 6.60
AD-458 418 20C U 41 08 HC$ 5.60
AD-459 048 7B U 41 08 HC$ 2.00
AD-459 593 16D U 41 08 HC$25.80
AD-459 663 16D U 41 08 HC$22.00
AD-460 373 20K U 41 08 HC$ 3.60
AD-462 332 1A U 41 07 HC$ 9.60
AD-462 339 5B U 41 08 HC$ 2.60
AD-462 609 11F U 41 07 HC$ 1.00
AD-463 913 9A U 41 07 HC$ 1.00
AD-464 975 11F U 41 07 HC$ 4.00 MF$ 1.00
AD-465 865 6E U 41 07 HC$ 6.00 MF$ 1.25
AD-465 928 4A U 41 08 HC$ 4.00 MF$ 0.75
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50
AD-466 126 5I U 41 07 HC$ 2.00 MF$ 0.50
AD-466 159 6U U 41 07 HC$ 1.00 MF$ 0.50
AD-466 169 6P U 41 07 HC$ 2.00 MF$ 0.50
AD-466 176 20E U 41 08 HC$ 1.00 MF$ 0.50
AD-466 177 20E U 41 08 HC$ 2.00 MF$ 0.50
AD-466 191 13M U 41 07 HC$ 1.00 MF$ 0.50
AD-466 292 6E U 41 07 HC$ 1.00 MF$ 0.50
AD-466 296 6E U 41 07 HC$ 1.00 MF$ 0.50
AD-466 429 11I U 41 07 HC$ 1.00 MF$ 0.50
AD-466 577 14E U 41 07 HC$ 3.00 MF$ 0.75
AD-466 611 20L U 41 08 HC$ 2.00 MF$ 0.50
AD-466 647 6A U 41 08 HC$ 1.00 MF$ 0.50
AD-466 666 20G U 41 08 HC$ 3.00 MF$ 0.75
AD-466 684 7D U 41 07 HC$ 1.00 MF$ 0.50
AD-466 696 18E U 41 08 HC$ 7.00 MF$ 1.50
AD-466 779 17I U 41 07 HC$ 2.00 MF$ 0.50
AD-466 782 20F U 41 08 HC$ 3.00 MF$ 0.75
AD-466 907 7D U 41 08 HC$ 2.00 MF$ 0.50
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50
AD-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50
AD-467 002 5J U 41 07 HC$ 2.00 MF$ 0.50
AD-467 008 6E U 41 07 HC$ 1.00 MF$ 0.50
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50
AD-467 125 6C U 41 07 HC$ 1.00 MF$ 0.50
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50
AD-467 335 19A U 41 07 HC$ 3.00 MF$ 0.75
AD-467 337 8C U 41 07 HC$ 1.00 MF$ 0.50
AD-467 351 20A U 41 07 HC$ 2.00 MF$ 0.50
AD-467 353 9C U 41 08 HC$ 5.00 MF$ 1.00
AD-467 356 9B U 41 08 HC$ 7.60 MF$ 0.75
AD-467 443 20K U 41 08 HC$ 2.00 MF$ 0.50
AD-467 449 19A U 41 08 HC$ 1.00 MF$ 0.50
AD-467 454 9B U 41 08 HC$ 3.00 MF$ 0.50
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75
AD-467 786 20D U 41 08 HC$ 2.00 MF$ 0.50
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50
AD-467 959 6P U 41 07 HC$ 1.00 MF$ 0.50
AD-467 970 6S U 41 07 HC$ 1.00 MF$ 0.50
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50
AD-467 972 6S U 41 07 HC$ 1.00 MF$ 0.50
AD-467 974 6S U 41 07 HC$ 1.00 MF$ 0.50
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50
AD-468 151 6S U 41 07 HC$ 1.00 MF$ 0.50
AD-468 153 14E U 41 08 HC$ 3.00 MF$ 0.75
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50
AD-468 195 6S U 41 07 HC$ 1.00 MF$ 0.50
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50
AD-468 261 5I U 41 08 HC$ 1.00 MF$ 0.50
AD-468 310 6S U 41 08 HC$ 1.00 MF$ 0.50
AD-468 341 5J U 41 08 HC$ 1.00 MF$ 0.50
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00
AD-472 354 8K U 41 07 HC$ 3.00 MF$ 0.75
AD-473 365 5I U 41 08 HC$ 2.00 MF$ 0.50
AD-473 366 5I U 41 08 HC$ 5.00 MF$ 1.00
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50
AD-474 019 9B U 41 07 HC$ 3.00 MF$ 0.50
AD-628 044 20F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 045 6A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 046 20E T 66 07 HC$ 2.00 MF$ 0.50
AD-628 047 6L T 66 07 HC$ 3.00 MF$ 0.75
AD-628 048 6T T 66 07 HC$ 1.00 MF$ 0.50
AD-628 049 0A T 66 07 HC$ 5.00 MF$ 1.00
AD-628 050 13M T 66 07 HC$ 2.00 MF$ 0.50
AD-628 051 20L T 66 07 HC$ 3.00 MF$ 0.75
AD-628 052 13I T 66 07 HC$ 3.00 MF$ 0.50
AD-628 053 22B T 66 07 HC$ 4.00 MF$ 0.75
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75
AD-628 055 17A T 66 07 HC$ 4.00 MF$ 0.75
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50
AD-628 057 15E T 66 07 HC$ 3.00 MF$ 0.75
AD-628 058 5A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 059 7D T 66 07 HC$ 3.00 MF$ 0.75
AD-628 060 7D T 66 07 HC$ 2.00 MF$ 0.50
AD-628 061 20I T 66 07
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00
AD-628 064 11G T 66 07 HC$ 1.00 MF$ 0.50
AD-628 065 20I T 66 07 HC$ 1.00 MF$ 0.50
AD-628 066 7D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 067 12B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 068 8K T 66 07 HC$ 1.00 MF$ 0.50
AD-628 069 7C T 66 07 HC$ 3.00 MF$ 0.75
AD-628 070 13H T 66 07 HC$ 1.00 MF$ 0.50
AD-628 071 10B T 66 07 HC$ 4.00 MF$ 0.75
AD-628 072 11C T 66 07 HC$ 1.00 MF$ 0.50
AD-628 073 11H T 66 07 HC$ 1.00 MF$ 0.50
AD-628 074 20F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75
AD-628 076 20E T 66 07 HC$ 1.00 MF$ 0.50
AD-628 077 20H T 66 07 HC$ 1.00 MF$ 0.50
AD-628 078 22B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 079 11I T 66 07 HC$ 2.00 MF$ 0.50
AD-628 080 A6 T 66 07 HC$ 2.00 MF$ 0.50
AD-628 081 6P T 66 07 HC$ 3.00 MF$ 0.50
AD-628 082 7D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 083 20D T 66 07 HC$ 4.00 MF$ 0.75
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50
AD-628 085 11F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 086 7E T 66 07
AD-628 087 1C T 66 07 HC$ 2.00 MF$ 0.50
AD-628 088 12A T 66 07
AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75
AD-628 090 12A T 66 07
AD-628 091 12A T 66 07 HC$ 1.00 MF$ 0.50
AD-628 092 13J T 66 07 HC$ 2.00 MF$ 0.50
AD-628 093 9A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 094 12A T 66 07
AD-628 095 5C T 66 07 HC$ 2.60 MF$ 0.50
AD-628 096 12B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 097 13J T 66 07 HC$ 6.00 MF$ 1.25
AD-628 098 20D T 66 07 HC$ 1.60 MF$ 0.50
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75
AD-628 100 14D T 66 07 HC$ 6.60 MF$ 0.75
AD-628 101 5A T 66 07 HC$16.00 MF$ 1.00
AD-628 102 14D T 66 07 HC$ 8.60 MF$ 0.75
AD-628 103 12A T 66 07
AD-628 104 12A T 66 07
AD-628 105 6F T 66 07 HC$14.60 MF$ 1.00
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00
AD-628 108 5G T 66 07
AD-628 109 5J T 66 07
AD-628 110 9E T 66 07 HC$ 4.00 MF$ 0.75
AD-628 111 22C T 66 07 HC$ 1.60 MF$ 0.50
AD-628 112 12B T 66 07 HC$ 8.60 MF$ 0.75
AD-628 113 9E T 66 07 HC$ 2.60 MF$ 0.50
AD-628 114 20C T 66 07 HC$ 2.00 MF$ 0.50
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50
AD-628 116 20L T 66 07 HC$ 1.60 MF$ 0.50
AD-628 117 9E T 66 07 HC$ 4.60 MF$ 0.50
AD-628 118 7B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 119 20H T 66 07 HC$ 4.00 MF$ 0.75

AD-628 120 7D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 121 6R T 66 07
AD-628 122 20L T 66 07 HC$ 1.10 MF$ 0.50
AD-628 123 6E T 66 07
AD-628 124 6E T 66 07
AD-628 125 6M T 66 07
AD-628 126 6M T 66 07
AD-628 127 20A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 128 9A T 66 07 HC$ 2.00 MF$ 0.50
AD-628 129 10B T 66 07 HC$ 2.60 MF$ 0.50
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50
AD-628 131 9A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 132 20D T 66 07 HC$ 1.60 MF$ 0.50
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75
AD-628 135 9B T 66 07 HC$19.50 MF$ 1.25
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50
AD-628 138 7D T 66 07 HC$ 1.10 MF$ 0.50
AD-628 139 13M T 66 07 MF$ 1.00
AD-628 140 13B T 66 07 MF$ 0.75
AD-628 141 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 142 20D T 66 07
AD-628 143 20I T 66 07 HC$ 1.10 MF$ 0.50
AD-628 144 21B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 145 8J T 66 07
AD-628 146 15B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 147 8J T 66 07 HC$ 1.60 MF$ 0.50
AD-628 148 8K T 66 07 HC$ 8.60 MF$ 0.75
AD-628 149 5J T 66 07 HC$ 1.60 MF$ 0.50
AD-628 150 8G T 66 07 HC$ 6.00 MF$ 1.25
AD-628 151 16D T 66 07 HC$ 3.00 MF$ 0.75
AD-628 152 6E T 66 07
AD-628 153 6M T 66 07
AD-628 154 11F T 66 07 MF$ 0.75
AD-628 155 11F T 66 07
AD-628 156 11F T 66 07 MF$ 0.75
AD-628 157 9E T 66 07 HC$ 3.60 MF$ 0.50
AD-628 158 9E T 66 07 HC$ 2.60 MF$ 0.50
AD-628 159 10B T 66 07 HC$ 4.60 MF$ 0.50
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50
AD-628 161 20D T 66 07 HC$ 1.60 MF$ 0.50
AD-628 162 5I T 66 07 HC$ 7.60 MF$ 0.75
AD-628 163 8G T 66 07 HC$ 1.00 MF$ 0.50
AD-628 164 12A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 165 5I T 66 07 HC$ 7.60 MF$ 0.75
AD-628 166 21I T 66 07 HC$ 4.00 MF$ 1.00
AD-628 167 6A T 66 07
AD-628 168 5I T 66 07 HC$ 6.60 MF$ 0.75
AD-628 169 9B T 66 07 HC$ 2.60 MF$ 0.50
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50
AD-628 171 10B T 66 07 HC$ 3.60 MF$ 0.50
AD-628 172 12B T 66 07 HC$ 6.60 MF$ 0.75
AD-628 173 15B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50
AD-628 175 6J T 66 07
AD-628 176 6T T 66 07
AD-628 177 6F T 66 07
AD-628 178 20N T 66 07 MF$ 0.50
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50
AD-628 180 20I T 66 07 HC$ 4.60 MF$ 0.50
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50
AD-628 182 20D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 183 5B T 66 07 HC$ 6.00 MF$ 1.25
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50
AD-628 185 11C T 66 07 HC$ 1.00 MF$ 0.50
AD-628 186 20I T 66 07 HC$ 7.60 MF$ 0.75
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50
AD-628 188 5J T 66 07 HC$ 6.60 MF$ 0.75
AD-628 189 20C T 66 07
AD-628 190 20L T 66 07 HC$ 1.10 MF$ 0.50
AD-628 191 5B T 66 07 HC$ 3.00 MF$ 0.50
AD-628 192 8J T 66 07 HC$ 5.60 MF$ 0.50
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50
AD-628 195 8A T 66 07 HC$ 2.60 MF$ 0.50
AD-628 196 11C T 66 07
AD-628 197 3B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 198 5J T 66 07 HC$ 1.60 MF$ 0.50
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75
AD-628 201 5C T 66 07 HC$ 2.60 MF$ 0.50
AD-628 202 5G T 66 07 HC$ 1.00 MF$ 0.50
AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75
AD-628 206 5B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 207 5I T 66 07 HC$ 1.00 MF$ 0.50
AD-628 208 22C T 66 07 HC$ 1.60 MF$ 0.50
AD-628 209 13B T 66 07
AD-628 210 13B T 66 07
AD-628 211 6P T 66 07 HC$ 1.60 MF$ 0.50
AD-628 212 9B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 213 5C T 66 07 HC$ 3.00 MF$ 0.75
AD-628 214 9A T 66 07 HC$ 2.60 MF$ 0.50
AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50
AD-628 216 20K T 66 07 HC$ 1.60 MF$ 0.50
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50
AD-628 218 3C T 66 07 HC$ 2.60 MF$ 0.50
AD-628 219 12B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 220 9B T 66 07 HC$ 7.25 MF$ 2.00
AD-628 221 5J T 66 07 HC$ 2.00 MF$ 0.50
AD-628 222 20N T 66 07 HC$12.60 MF$ 1.00
AD-628 223 4B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 224 20D T 66 07 HC$12.60 MF$ 1.00
AD-628 225 9A T 66 07 HC$23.80 MF$ 1.25
AD-628 226 5J T 66 07
AD-628 227 17B T 66 07 HC$ 2.00 MF$ 0.75
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50
AD-628 229 7D T 66 07
AD-628 230 9A T 66 07 HC$ 2.00 MF$ 0.50

AD-628 231 9A T 66 07 HC$17.00 MF$ 1.00
AD-628 232 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 234 4A T 66 07 HC$ 1.00 MF$ 0.50
AD-628 235 13K T 66 07 HC$ 2.60 MF$ 0.50
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75
AD-628 237 6C T 66 07 HC$ 1.10 MF$ 0.50
AD-628 238 6E T 66 07
AD-628 239 7D T 66 07
AD-628 240 20N T 66 07
AD-628 241 5J T 66 07
AD-628 242 8J T 66 07
AD-628 243 5J T 66 07
AD-628 244 5J T 66 07
AD-628 245 6C T 66 07 HC$ 1.00 MF$ 0.50
AD-628 246 6P T 66 07 HC$ 1.60 MF$ 0.50
AD-628 247 22B T 66 07 HC$ 3.60 MF$ 0.50
AD-628 248 20J T 66 07 HC$ 2.00 MF$ 0.50
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75
AD-628 250 7B T 66 07
AD-628 251 7D T 66 07
AD-628 252 20H T 66 07
AD-628 253 20E T 66 07
AD-628 254 6E T 66 07
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75
AD-628 256 20J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 257 5A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 258 20K T 66 07
AD-628 259 20C T 66 07
AD-628 260 5J T 66 07
AD-628 261 7D T 66 07
AD-628 262 6B T 66 07
AD-628 263 6A T 66 07
AD-628 264 6A T 66 07
AD-628 265 12B T 66 07
AD-628 266 6P T 66 07
AD-628 267 20H T 66 07
AD-628 268 20I T 66 07 HC$ 9.60 MF$ 0.75
AD-628 269 7D T 66 07
AD-628 270 6A T 66 07
AD-628 271 9E T 66 07 HC$ 3.60 MF$ 0.50
AD-628 272 4A T 66 07
AD-628 273 20I T 66 07
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50
AD-628 275 8K T 66 07
AD-628 276 11B T 66 07
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50
AD-628 279 13M T 66 07 HC$ 6.00 MF$ 1.25
AD-628 280 14B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 281 4A T 66 07 HC$ 2.60 MF$ 0.50
AD-628 282 11B T 66 07
AD-628 283 6A T 66 07
AD-628 284 11F T 66 07 HC$28.70 MF$ 1.50
AD-628 285 13B T 66 07 HC$ 8.60 MF$ 0.75
AD-628 286 13B T 66 07 HC$11.60 MF$ 0.75
AD-628 287 20D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 288 20H T 66 07
AD-628 289 13M T 66 07 HC$11.60 MF$ 0.75
AD-628 290 13B T 66 07 HC$ 6.60 MF$ 0.75
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50
AD-628 292 20I T 66 07
AD-628 293 20J T 66 07
AD-628 294 6F T 66 07 HC$ 3.00 MF$ 0.75
AD-628 295 20E T 66 07 HC$ 2.00 MF$ 0.50
AD-628 296 12B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 297 7C T 66 07 HC$ 1.60 MF$ 0.50
AD-628 298 6P T 66 07 HC$ 1.60 MF$ 0.50
AD-628 299 10C T 66 07 HC$ 1.10 MF$ 0.50
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50
AD-628 302 4B T 66 07 HC$14.70 MF$ 1.00
AD-628 303 20D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 304 20A T 66 07
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 307 20K T 66 07 HC$21.60 MF$ 1.25
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 309 6P T 66 07 HC$31.90 MF$ 1.50
AD-628 310 14B T 66 07 HC$59.10 MF$ 2.50
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50
AD-628 313 6T T 66 07 HC$ 2.60 MF$ 0.50
AD-628 314 6S T 66 07
AD-628 315 20J T 66 07 HC$ 4.60 MF$ 0.50
AD-628 316 20J T 66 07 HC$ 2.60 MF$ 0.50
AD-628 317 20I T 66 07 HC$ 3.60 MF$ 0.50
AD-628 318 6E T 66 07 HC$ 1.10 MF$ 0.50
AD-628 319 9B T 66 07 HC$ 3.60 MF$ 0.50
AD-628 320 8N T 66 07 HC$ 2.00 MF$ 0.50
AD-628 321 20L T 66 07 HC$ 3.00 MF$ 0.75
AD-628 322 6C T 66 07 HC$ 5.60 MF$ 0.50
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50
AD-628 325 6M T 66 07 HC$ 1.60 MF$ 0.50
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 327 20I T 66 07 HC$ 1.00 MF$ 0.50
AD-628 328 7E T 66 07 HC$ 1.10 MF$ 0.50
AD-628 329 20J T 66 07 HC$ 4.60 MF$ 0.50
AD-628 330 20J T 66 07 HC$ 3.60 MF$ 0.50
AD-628 331 7B T 66 07 HC$ 3.00 MF$ 0.75
AD-628 332 20F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75
AD-628 335 9B T 66 07 HC$10.60 MF$ 0.75
AD-628 336 12B T 66 07 HC$ 5.60 MF$ 0.50
AD-628 337 9A T 66 07 HC$ 2.00 MF$ 0.50
AD-628 338 20C T 66 07
AD-628 339 20H T 66 07
AD-628 340 6P T 66 07
AD-628 341 20H T 66 07

AD-628 342
AD-628 343
AD-628 344
AD-628 345
AD-628 346
AD-628 347
AD-628 348
AD-628 349
AD-628 350
AD-628 351
AD-628 352
AD-628 353
AD-628 354
AD-628 355
AD-628 356
AD-628 357
AD-628 358
AD-628 359
AD-628 360
AD-628 361
AD-628 362
AD-628 363
AD-628 364
AD-628 365
AD-628 366
AD-628 367
AD-628 368
AD-628 369
AD-628 370
AD-628 371
AD-628 372
AD-628 373
AD-628 374
AD-628 375
AD-628 376
AD-628 377
AD-628 378
AD-628 379
AD-628 380
AD-628 381
AD-628 382
AD-628 383
AD-628 384
AD-628 385
AD-628 386
AD-628 387
AD-628 388
AD-628 389
AD-628 390
AD-628 391
AD-628 392
AD-628 393
AD-628 394
AD-628 395
AD-628 396
AD-628 397
AD-628 398
AD-628 399
AD-628 400
AD-628 401
AD-628 402
AD-628 403
AD-628 404
AD-628 405
AD-628 406
AD-628 407
AD-628 408
AD-628 409
AD-628 410
AD-628 411
AD-628 412
AD-628 413
AD-628 414
AD-628 415
AD-628 416
AD-628 417
AD-628 418
AD-628 419
AD-628 420
AD-628 421
AD-628 422
AD-628 423
AD-628 424
AD-628 425
AD-628 426
AD-628 427
AD-628 428
AD-628 429
AD-628 430
AD-628 431
AD-628 432
AD-628 433
AD-628 434
AD-628 435
AD-628 436
AD-628 437
AD-628 438
AD-628 439
AD-628 440
AD-628 441
AD-628 442
AD-628 443
AD-628 444
AD-628 445
AD-628 446
AD-628 447
AD-628 448
AD-628 449
AD-628 450
AD-628 451
AD-628 452

20H T 66 07
20J T 66 07
20C T 66 07
20C T 66 07
20L T 66 07
20C T 66 07
7D T 66 07
7D T 66 07
12A T 66 07
7D T 66 07 HC$ 2.00 MF$ 0.50
6P T 66 07
9A T 66 07 HC$ 2.00 MF$ 0.50
6P T 66 07
20F T 66 07 HC$ 2.00 MF$ 0.50
20D T 66 07 HC$ 2.00 MF$ 0.50
13B T 66 07 HC$ 7.60 MF$ 0.75
6P T 66 07
13B T 66 07 HC$23.40 MF$ 1.25
6P T 66 07 HC$ 2.60 MF$ 0.50
12B T 66 07 HC$ 2.60 MF$ 0.50
20B T 66 07
20L T 66 07
12A T 66 07 HC$ 1.60 MF$ 0.50
6A T 66 07
6A T 66 07
6Q T 66 07 HC$ 1.60 MF$ 0.50
6P T 66 07
14B T 66 07 HC$ 3.00 MF$ 0.50
6C T 66 07
6E T 66 07
6P T 66 07
20H T 66 07
20H T 66 07
20H T 66 07
6C T 66 07
6H T 66 07 HC$ 4.00 MF$ 1.00
6P T 66 07
6P T 66 07
14B T 66 07 HC$ 2.00 MF$ 0.50
12B T 66 07 HC$ 1.60 MF$ 0.50
7D T 66 07 HC$ 1.60 MF$ 0.50
12A T 66 07 HC$ 2.60 MF$ 0.50
6E T 66 07 HC$ 5.60 MF$ 0.50
8K T 66 07 HC$39.20 MF$ 1.75
20D T 66 07 HC$17.50 MF$ 1.00
11F T 66 07 HC$ 4.60 MF$ 0.50
12A T 66 07 HC$ 1.60 MF$ 0.50
6P T 66 07
6A T 66 07
6M T 66 07
12A T 66 07
12A T 66 07
20F T 66 07 HC$ 2.00 MF$ 0.50
7D T 66 07
11B T 66 07 HC$ 1.60 MF$ 0.50
12A T 66 07
20K T 66 07
11I T 66 07 HC$ 7.60 MF$ 0.75
20C T 66 07
20L T 66 07 HC$ 2.60 MF$ 0.50
7C T 66 07
6P T 66 07
20L T 66 07
5D T 66 07 HC$ 1.00 MF$ 0.50
7D T 66 07
7D T 66 07
8A T 66 07
20J T 66 07
7D T 66 07
12A T 66 07
12A T 66 07
7D T 66 07
20J T 66 07
14B T 66 07 HC$ 1.00 MF$ 0.50
20D T 66 07 HC$ 1.00 MF$ 0.50
20D T 66 07 HC$ 1.00 MF$ 0.50
8F T 66 07 HC$ 2.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
6A T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
20M T 66 07
20L T 66 07
12A T 66 07
7D T 66 07
7D T 66 07
14B T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
12A T 66 07
12A T 66 07
6P T 66 07
20C T 66 07
6P T 66 07
20H T 66 07
20L T 66 07
12A T 66 07
12A T 66 07
13J T 66 07 HC$ 4.60 MF$ 0.50
13J T 66 07 HC$ 5.60 MF$ 0.50
20D T 66 07 HC$ 1.00 MF$ 0.50
6R T 66 07 HC$ 2.60 MF$ 0.50
5I T 66 07 HC$ 2.60 MF$ 0.50
20L T 66 07
11H T 66 07 HC$ 2.60 MF$ 0.50
7D T 66 07
7D T 66 07
5J T 66 07 HC$ 6.60 MF$ 0.75
9A T 66 07 HC$ 3.00 MF$ 0.75
13G T 66 07
20D T 66 07

AD-628 453
AD-628 454
AD-628 455
AD-628 456
AD-628 457
AD-628 458
AD-628 459
AD-628 460
AD-628 461
AD-628 462
AD-628 463
AD-628 464
AD-628 465
AD-628 466
AD-628 467
AD-628 468
AD-628 469
AD-628 470
AD-628 471
AD-628 472
AD-628 473
AD-628 474
AD-628 475
AD-628 476
AD-628 477
AD-628 478
AD-628 479
AD-628 480
AD-628 481
AD-628 482
AD-628 483
AD-628 484
AD-628 485
AD-628 486
AD-628 487
AD-628 488
AD-628 489
AD-628 490
AD-628 491
AD-628 492
AD-628 493
AD-628 494
AD-628 495
AD-628 496
AD-628 497
AD-628 498
AD-628 499
AD-628 500
AD-628 501
AD-628 502
AD-628 503
AD-628 504
AD-628 505
AD-628 506
AD-628 507
AD-628 508
AD-628 509
AD-628 510
AD-628 511
AD-628 513
AD-628 514
AD-628 515
AD-628 516
AD-628 517
AD-628 518
AD-628 519
AD-628 520
AD-628 521
AD-628 522
AD-628 523
AD-628 524
AD-628 525
AD-628 526
AD-628 527
AD-628 528
AD-628 529
AD-628 530
AD-628 531
AD-628 532
AD-628 533
AD-628 534
AD-628 535
AD-628 536
AD-628 537
AD-628 538
AD-628 539
AD-628 540
AD-628 541
AD-628 542
AD-628 543
AD-628 544
AD-628 545
AD-628 546
AD-628 547
AD-628 548
AD-628 549
AD-628 550
AD-628 551
AD-628 552
AD-628 553
AD-628 554
AD-628 555
AD-628 556
AD-628 557
AD-628 558
AD-628 559
AD-628 560
AD-628 561
AD-628 562
AD-628 563
AD-628 564

20L T 66 07 HC$ 1.10 MF$ 0.50
7C T 66 07
20L T 66 07
4B T 66 07
4B T 66 07
8K T 66 07
3B T 66 07
3B T 66 07
20H T 66 07
6P T 66 07
8G T 66 07
20I T 66 07
7D T 66 07
17H T 66 07
20I T 66 07
20N T 66 07
20E T 66 07
20E T 66 07
4B T 66 07
12A T 66 07
20F T 66 07
7C T 66 07
3B T 66 07
6C T 66 07
6E T 66 07
6E T 66 07
6E T 66 07
7D T 66 07
7D T 66 07
7D T 66 07
7D T 66 07
5D T 66 07 HC$ 1.10 MF$ 0.50
14E T 66 07 HC$ 1.00 MF$ 0.50
9E T 66 07 HC$ 1.60 MF$ 0.50
9A T 66 07 HC$ 3.60 MF$ 0.50
9A T 66 07 HC$ 2.60 MF$ 0.50
20E T 66 07 HC$ 3.60 MF$ 0.50
8K T 66 07 HC$10.60 MF$ 0.75
20K T 66 07 HC$ 2.00 MF$ 0.50
6M T 66 07 HC$ 1.10 MF$ 0.50
20F T 66 07 HC$ 2.60 MF$ 0.50
5H T 66 07 HC$13.60 MF$ 1.00
15D T 66 07 HC$ 2.00 MF$ 0.50
9B T 66 07 HC$ 3.00 MF$ 0.75
4A T 66 07 HC$12.60 MF$ 1.00
4A T 66 07 HC$14.80 MF$ 1.00
10B T 66 07 HC$ 4.60 MF$ 0.75
9E T 66 07 HC$ 7.60 MF$ 0.75
13B T 66 07 HC$20.10 MF$ 1.25
9E T 66 07 HC$ 9.60 MF$ 0.75
11I T 66 07 HC$ 3.60 MF$ 0.50
17G T 66 07 HC$29.70 MF$ 1.50
19H T 66 07 HC$ 2.00 MF$ 0.50
10B T 66 07 HC$30.70 MF$ 1.50
9B T 66 07 HC$41.20 MF$ 2.00
20K T 66 07 HC$13.45 MF$ 4.00
13M T 66 07 MF$ 0.75
8M T 66 07 HC$19.50 MF$ 1.25
20D T 66 07
8G T 66 07 HC$ 2.60 MF$ 0.50
11F T 66 07 HC$ 1.10 MF$ 0.50
11B T 66 07 HC$ 2.60 MF$ 0.50
20I T 66 07 HC$ 2.60 MF$ 0.50
9A T 66 07 HC$14.60 MF$ 1.00
20I T 66 07
20L T 66 07
20B T 66 07 HC$ 1.00 MF$ 0.50
12A T 66 07
12A T 66 07
7D T 66 07 HC$ 1.60 MF$ 0.50
12A T 66 07
20D T 66 07
20E T 66 07 HC$ 2.60 MF$ 0.50
5A T 66 07 HC$ 1.60 MF$ 0.50
20I T 66 07 HC$ 3.00 MF$ 0.50
10A T 66 07 HC$ 3.00 MF$ 0.50
8F T 66 07 HC$ 1.00 MF$ 0.50
8L T 66 07 HC$ 1.00 MF$ 0.50
8F T 66 07 HC$ 1.00 MF$ 0.50
8F T 66 07 HC$ 1.00 MF$ 0.50
3A T 66 07 HC$ 1.00 MF$ 0.50
9A T 66 07 HC$ 3.00 MF$ 0.75
8L T 66 07 MF$ 1.00
11I T 66 07 HC$ 2.60 MF$ 0.50
11F T 66 07 HC$ 2.00 MF$ 0.50
20D T 66 07 HC$11.25 MF$ 3.00
20D T 66 07 HC$ 3.00 MF$ 0.75
20D T 66 07 HC$ 1.00 MF$ 0.50
20D T 66 07 HC$ 2.00 MF$ 0.50
20D T 66 07 HC$ 6.60 MF$ 0.75
5I T 66 07 HC$ 4.00 MF$ 1.00
13M T 66 07
9D T 66 07 HC$ 3.00 MF$ 0.75
20M T 66 07 HC$ 5.60 MF$ 0.75
13B T 66 07 HC$ 2.00 MF$ 0.50
20D T 66 07 HC$ 4.60 MF$ 0.50
7D T 66 07 HC$ 2.60 MF$ 0.50
5I T 66 07 HC$ 8.60 MF$ 0.75
6S T 66 07 HC$ 1.60 MF$ 0.50
6M T 66 07 HC$ 4.60 MF$ 0.50
17I T 66 07 HC$ 4.00 MF$ 1.00
13J T 66 07 HC$ 2.60 MF$ 0.50
6E T 66 07
3B T 66 07 HC$ 8.60 MF$ 0.75
5H T 66 07
10B T 66 07
20E T 66 07
5J T 66 07
5J T 66 07
20F T 66 07
5H T 66 07

AD-628 565 38 T 66 07
AD-628 566 6K T 66 07
AD-628 567 6S T 66 07
AD-628 568 20D T 66 07 HC$ 2.00 MF$ 0.50
AD-628 569 20B T 66 07
AD-628 570 14B T 66 07 HC$ 4.60 MF$ 0.50
AD-628 571 7D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 572 7D T 66 07
AD-628 573 8C T 66 07
AD-628 574 12B T 66 07
AD-628 575 10C T 66 07 HC$ 2.60 MF$ 0.50
AD-628 576 5K T 66 07
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75
AD-628 578 20D T 66 07 HC$ 3.00 MF$ 0.75
AD-628 579 20D T 66 07 HC$11.60 MF$ 0.75
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50
AD-628 581 1C T 66 07 HC$11.60 MF$ 0.75
AD-628 582 12A T 66 07 HC$ 1.10 MF$ 0.50
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 585 7D T 66 07
AD-628 586 20M T 66 07 HC$ 0.45 MF$ 0.75
AD-628 587 6O T 66 07
AD-628 588 17H T 66 07 HC$ 3.00 MF$ 0.75
AD-628 589 8A T 66 07
AD-628 590 8A T 66 07
AD-628 591 8A T 66 07
AD-628 592 8A T 66 07
AD-628 593 6O T 66 07 HC$ 4.60 MF$ 0.50
AD-628 594 8G T 66 07
AD-628 595 6E T 66 07
AD-628 596 22A T 66 07 HC$ 1.60 MF$ 0.50
AD-628 597 5I T 66 07 HC$ 1.60 MF$ 0.50
AD-628 598 4B T 66 07
AD-628 599 20K T 66 07 HC$ 6.00 MF$ 1.50
AD-628 600 20K T 66 07 HC$ 6.00 MF$ 1.50
AD-628 601 14E T 66 07
AD-628 602 4A T 66 07
AD-628 603 20N T 66 07
AD-628 604 20B T 66 07
AD-628 605 20L T 66 07
AD-628 606 20L T 66 07
AD-628 607 20E T 66 07
AD-628 608 20L T 66 07
AD-628 609 4B T 66 07
AD-628 610 11B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 611 9B T 66 07 HC$ 4.60 MF$ 0.50
AD-628 612 8B T 66 07 HC$ 3.60 MF$ 0.50
AD-628 613 20I T 66 07 HC$ 9.60 MF$ 0.75
AD-628 614 14B T 66 07 HC$ 6.60 MF$ 0.75
AD-628 615 22B T 66 07
AD-628 616 20N T 66 07 HC$ 2.60 MF$ 0.50
AD-628 617 20D T 66 07 HC$ 4.00 MF$ 0.75
AD-628 618 9A T 66 07 HC$ 7.60 MF$ 0.75
AD-628 619 6E T 66 07
AD-628 620 12A T 66 07
AD-628 621 12A T 66 07
AD-628 622 7C T 66 07
AD-628 623 20K T 66 07
AD-628 624 5J T 66 07
AD-628 625 12B T 66 07 HC$ 6.60 MF$ 0.75
AD-628 626 12A T 66 07 HC$ 2.60 MF$ 0.50
AD-628 627 5C T 66 07 HC$ 3.00 MF$ 0.75
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75
AD-628 629 20D T 66 07 HC$ 2.00 MF$ 0.50
AD-628 630 0D T 66 07 HC$ 4.00 MF$ 1.00
AD-628 631 4A T 66 07
AD-628 632 20L T 66 07
AD-628 633 17I T 66 07
AD-628 634 20L T 66 07
AD-628 635 9A T 66 07
AD-628 636 20J T 66 07
AD-628 637 20I T 66 07
AD-628 638 5J T 66 07
AD-628 639 5J T 66 07
AD-628 640 5J T 66 07
AD-628 641 5J T 66 07
AD-628 642 7D T 66 07
AD-628 643 20B T 66 07
AD-628 644 8G T 66 07
AD-628 645 6A T 66 07
AD-628 646 11F T 66 07
AD-628 647 20F T 66 07
AD-628 648 11F T 66 07
AD-628 649 11F T 66 07
AD-628 650 20H T 66 07
AD-628 651 5J T 66 07
AD-628 652 7C T 66 07
AD-628 653 20K T 66 07
AD-628 654 12A T 66 07
AD-628 655 12A T 66 07
AD-628 656 7D T 66 07
AD-628 657 20F T 66 07
AD-628 658 7D T 66 07
AD-628 659 7C T 66 07
AD-628 660 7D T 66 07
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50
AD-628 663 12A T 66 07
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50
AD-628 665 12A T 66 07
AD-628 666 6M T 66 07 HC$ 2.00 MF$ 0.50
AD-628 667 15G T 66 07 HC$12.60 MF$ 0.75
AD-628 668 11D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 669 1A T 66 07 HC$16.00 MF$ 1.00
AD-628 670 9E T 66 07 HC$ 1.00 MF$ 0.50
AD-628 671 20A T 66 07 HC$ 6.00 MF$ 1.25
AD-628 672 17B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00
AD-628 674 6S T 66 07
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75
AD-628 676 20D T 66 07 HC$ 2.00 MF$ 0.50
AD-628 677 9E T 66 07 HC$ 4.00 MF$ 0.75
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00
AD-628 679 6Q T 66 07 HC$ 1.00 MF$ 0.50
AD-628 680 6Q T 66 07 HC$ 1.00 MF$ 0.50
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00
AD-628 682 9A T 66 07 HC$ 1.00 MF$ 0.50
AD-628 683 20D T 66 07 HC$ 3.00 MF$ 0.75
AD-628 684 9D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 685 20D T 66 07 HC$ 3.00 MF$ 0.75
AD-628 686 20D T 66 07 HC$ 2.00 MF$ 0.50
AD-628 687 6C T 66 07
AD-628 688 6C T 66 07
AD-628 689 6M T 66 07
AD-628 690 5J T 66 07 HC$ 2.00 MF$ 0.50
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 692 13B T 66 07 HC$23.10 MF$ 1.25
AD-628 693 17B T 66 07 HC$14.60 MF$ 1.00
AD-628 694 20D T 66 07 HC$ 2.00 MF$ 0.50
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50
AD-628 696 12B T 66 07
AD-628 697 12A T 66 07
AD-628 698 20H T 66 07
AD-628 699 12B T 66 07
AD-628 700 12B T 66 07
AD-628 701 5I T 66 07 HC$ 2.00 MF$ 0.50
AD-628 702 20K T 66 07
AD-628 703 12A T 66 07
AD-628 704 12B T 66 07
AD-628 705 20E T 66 07
AD-628 706 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 707 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 708 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 709 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 710 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 711 9D T 66 07 HC$20.80 MF$ 1.25
AD-628 712 9A T 66 07 HC$ 2.00 MF$ 0.50
AD-628 713 6N T 66 07 HC$ 2.00 MF$ 0.50
AD-628 714 12A T 66 07
AD-628 715 20K T 66 07
AD-628 716 20K T 66 07
AD-628 717 5J T 66 07
AD-628 718 11K T 66 07
AD-628 719 12B T 66 07
AD-628 720 7D T 66 07
AD-628 721 12A T 66 07
AD-628 722 7D T 66 07
AD-628 723 6E T 66 07
AD-628 724 7E T 66 07
AD-628 725 9D T 66 07 HC$ 3.00 MF$ 0.75
AD-628 726 15F T 66 07 HC$ 1.10 MF$ 0.50
AD-628 727 6C T 66 07
AD-628 728 20L T 66 07
AD-628 729 20I T 66 07
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50
AD-628 731 15G T 66 07 HC$ 5.60 MF$ 0.50
AD-628 732 9A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 733 7C T 66 07 HC$ 2.00 MF$ 0.50
AD-628 734 8M T 66 07 MF$ 1.00
AD-628 735 6E T 66 07 HC$ 1.00 MF$ 0.50
AD-628 736 20K T 66 07
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50
AD-628 738 20K T 66 07
AD-628 739 20J T 66 07
AD-628 740 6P T 66 07
AD-628 741 6P T 66 07
AD-628 742 20L T 66 07
AD-628 743 6C T 66 07
AD-628 744 7E T 66 07
AD-628 745 20F T 66 07
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50
AD-628 747 5A T 66 07 HC$ 4.00 MF$ 0.75
AD-628 748 4A T 66 07 HC$ 1.60 MF$ 0.50
AD-628 749 9B T 66 07 HC$22.30 MF$ 1.25
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 751 6E T 66 07 HC$ 2.00 MF$ 0.50
AD-628 752 6E T 66 07
AD-628 753 5I T 66 07 HC$ 2.00 MF$ 0.50
AD-628 754 5I T 66 07
AD-628 755 6E T 66 07
AD-628 756 6E T 66 07
AD-628 757 6E T 66 07
AD-628 758 8J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 760 12A T 66 07 HC$ 5.00 MF$ 1.00
AD-628 761 3B T 66 07 HC$26.10 MF$ 1.50
AD-628 762 20D T 66 07 HC$ 3.60 MF$ 0.50
AD-628 763 6E T 66 07 HC$ 3.00 MF$ 0.75
AD-628 764 15G T 66 07 HC$ 1.00 MF$ 0.50
AD-628 765 20K T 66 07 HC$ 4.00 MF$ 1.00
AD-628 766 4B T 66 07 HC$ 3.00 MF$ 0.75
AD-628 767 4A T 66 07
AD-628 768 4B T 66 07 HC$15.80 MF$ 1.00
AD-628 769 9E T 66 07 HC$ 2.60 MF$ 0.50
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50
AD-628 771 20N T 66 07 HC$ 1.60 MF$ 0.50
AD-628 772 20N T 66 07 HC$ 6.00 MF$ 1.50
AD-628 773 20N T 66 07 HC$ 2.00 MF$ 0.50
AD-628 774 13J T 66 07 HC$ 1.60 MF$ 0.50
AD-628 775 21E T 66 07 HC$ 9.60 MF$ 0.75
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00
AD-628 777 20I T 66 07 HC$ 2.60 MF$ 0.50
AD-628 778 20N T 66 07 HC$ 3.60 MF$ 0.50
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50
AD-628 780 9B T 66 07 HC$16.10 MF$ 1.00
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50
AD-628 782 14B T 66 07 HC$ 6.60 MF$ 0.75
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75
AD-628 784 17H T 66 07 HC$ 3.60 MF$ 0.50
AD-628 785 5C T 66 07 HC$ 2.00 MF$ 0.50
AD-628 786 8N T 66 07 HC$ 1.60 MF$ 0.50

AD-628 787 8N T 66 07 HC$ 1.10 MF$ 0.50
AD-628 788 20D T 66 07 HC$23.40 MF$ 1.25
AD-628 789 4B T 66 07 HC$19.70 MF$ 1.25
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75
AD-628 791 6R T 66 07 HC$ 2.00 MF$ 0.50
AD-628 792 3A T 66 07 HC$ 8.30 MF$ 2.25
AD-628 793 20L T 66 07 HC$ 2.60 MF$ 0.50
AD-628 794 11F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 795 20I T 66 07 HC$ 2.00 MF$ 0.50
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75
AD-628 797 8E T 66 07 HC$ 2.60 MF$ 0.50
AD-628 798 8G T 66 07
AD-628 799 4A T 66 07
AD-628 800 3A T 66 07
AD-628 801 3C T 66 07
AD-628 802 22B T 66 07 HC$ 1.10 MF$ 0.50
AD-628 803 8M T 66 07 HC$ 5.00 MF$ 1.00
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50
AD-628 805 6C T 66 07 HC$ 1.60 MF$ 0.50
AD-628 806 13M T 66 07 HC$ 5.00 MF$ 1.25
AD-628 807 9E T 66 07 HC$ 6.60 MF$ 0.75
AD-628 808 9D T 66 07 HC$ 5.60 MF$ 0.50
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50
AD-628 810 11B T 66 07
AD-628 811 20D T 66 07 HC$ 2.60 MF$ 0.50
AD-628 812 20H T 66 07 HC$ 2.60 MF$ 0.50
AD-628 813 3B T 66 07 HC$ 2.60 MF$ 0.50
AD-628 814 3B T 66 07 HC$ 2.60 MF$ 0.50
AD-628 815 5J T 66 07 HC$ 4.00 MF$ 0.75
AD-628 816 20N T 66 07 HC$ 1.10 MF$ 0.50
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50
AD-628 818 7D T 66 07 HC$ 1.60 MF$ 0.50
AD-628 819 9B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 820 4B T 66 07 HC$17.80 MF$ 1.00
AD-628 821 6A T 66 07
AD-628 822 20L T 66 07
AD-628 823 6S T 66 07 HC$ 4.60 MF$ 0.50
AD-628 824 20H T 66 07
AD-628 825 20H T 66 07
AD-628 826 7B T 66 07
AD-628 827 9B T 66 07
AD-628 828 3B T 66 07
AD-628 829 8K T 66 07
AD-628 830 7D T 66 07
AD-628 831 13J T 66 07 HC$ 1.60 MF$ 0.50
AD-628 832 3B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 833 9E T 66 07 HC$ 3.00 MF$ 0.75
AD-628 834 20J T 66 07 HC$ 3.00 MF$ 0.75
AD-628 835 7D T 66 07 HC$ 1.10 MF$ 0.50
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50
AD-628 837 13B T 66 07 HC$21.40 MF$ 1.25
AD-628 838 11H T 66 07 HC$ 4.60 MF$ 0.50
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50
AD-628 840 8F T 66 07 HC$ 1.10 MF$ 0.50
AD-628 841 8F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 842 8F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 843 8F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 844 8F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 845 8F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 846 8H T 66 07 HC$ 1.00 MF$ 0.50
AD-628 847 8F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 848 6F T 66 07 HC$ 3.00 MF$ 0.75
AD-628 849 20B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 850 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 851 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 853 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 854 13J T 66 07 HC$ 4.60 MF$ 0.50
AD-628 855 20K T 66 07 HC$ 2.60 MF$ 0.50
AD-628 856 20K T 66 07 HC$ 2.60 MF$ 0.50
AD-628 857 6E T 66 07 HC$ 3.00 MF$ 0.75
AD-628 858 9E T 66 07 HC$ 1.60 MF$ 0.50
AD-628 859 9E T 66 07 HC$ 1.00 MF$ 0.50
AD-628 860 8G T 66 07 HC$ 3.00 MF$ 0.75
AD-628 861 20F T 66 07 HC$ 3.00 MF$ 0.75
AD-628 862 7D T 66 07
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25
AD-628 864 5A T 66 07 HC$ 6.00 MF$ 1.25
AD-628 865 11F T 66 07 HC$ 2.00 MF$ 0.50
AD-628 866 8J T 66 07 HC$ 4.00 MF$ 1.00
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 869 5I T 66 07 HC$ 1.60 MF$ 0.50
AD-628 870 20L T 66 07 HC$ 3.60 MF$ 0.50
AD-628 871 20N T 66 07 HC$ 2.60 MF$ 0.50
AD-628 872 20H T 66 07 HC$ 1.00 MF$ 0.50
AD-628 873 6D T 66 07 HC$ 6.00 MF$ 1.25
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75
AD-628 875 1A T 66 07 HC$ 3.60 MF$ 0.50
AD-628 876 20H T 66 07
AD-628 877 13H T 66 07
AD-628 878 20H T 66 07
AD-628 879 20H T 66 07
AD-628 880 20H T 66 07
AD-628 881 20H T 66 07
AD-628 882 20H T 66 07
AD-628 883 8K T 66 07 HC$ 6.60 MF$ 0.75
AD-628 884 4A T 66 08
AD-628 885 20J T 66 08 HC$14.70 MF$ 1.00
AD-628 886 9C T 66 08 HC$ 7.60 MF$ 0.75
AD-628 887 4A T 66 08 HC$ 4.00 MF$ 0.75
AD-628 888 12A T 66 08 HC$ 4.60 MF$ 0.50
AD-628 889 7D T 66 08 HC$ 2.00 MF$ 0.50
AD-628 890 20I T 66 08 HC$ 9.60 MF$ 0.75
AD-628 891 6S T 66 08 HC$ 2.00 MF$ 0.50
AD-628 892 6E T 66 08 HC$ 1.60 MF$ 0.50
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50
AD-628 894 21H T 66 08 HC$ 4.60 MF$ 0.50
AD-628 895 5B T 66 08 MF$ 0.50
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75
AD-628 897 6G T 66 08 HC$ 1.60 MF$ 0.50
AD-628 898 6G T 66 08 HC$ 1.60 MF$ 0.50
AD-628 899 6P T 66 08 HC$ 3.00 MF$ 0.50
AD-628 900 15E T 66 08 HC$ 3.00 MF$ 0.75
AD-628 901 8K T 66 08 HC$ 6.00 MF$ 1.50
AD-628 902 13B T 66 08 HC$20.30 MF$ 1.25
AD-628 903 4B T 66 08
AD-628 904 7D T 66 08
AD-628 905 6A T 66 08
AD-628 906 20I T 66 08
AD-628 907 9A T 66 08 HC$ 1.60 MF$ 0.50
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75
AD-628 909 9B T 66 08
AD-628 910 20I T 66 08
AD-628 911 20I T 66 08 HC$ 1.00 MF$ 0.50
AD-628 912 20H T 66 08
AD-628 913 8G T 66 08
AD-628 914 11H T 66 08 HC$ 1.00 MF$ 0.50
AD-628 915 19D T 66 08 HC$ 1.10 MF$ 0.50
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50
AD-628 917 20I T 66 08 HC$ 2.60 MF$ 0.50
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50
AD-628 920 21B T 66 08 HC$ 3.60 MF$ 0.50
AD-628 921 9C T 66 08 HC$ 5.60 MF$ 0.50
AD-628 922 20J T 66 08 HC$ 1.10 MF$ 0.50
AD-628 923 7B T 66 08 HC$ 1.10 MF$ 0.50
AD-628 924 20I T 66 08 HC$ 1.10 MF$ 0.50
AD-628 925 20K T 66 08 HC$ 5.60 MF$ 0.50
AD-628 926 5A T 66 08 HC$27.10 MF$ 1.50
AD-628 927 6C T 66 08 HC$ 2.00 MF$ 0.50
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75
AD-628 930 20I T 66 08 HC$ 1.60 MF$ 0.50
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50
AD-628 932 20H T 66 08 HC$ 7.60 MF$ 0.75
AD-628 933 8K T 66 08 HC$ 4.00 MF$ 0.75
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50
AD-628 935 9B T 66 08 HC$ 7.20 MF$ 2.00
AD-628 936 20A T 66 08 HC$ 3.60 MF$ 0.50
AD-628 937 13I T 66 08 HC$ 2.00 MF$ 0.50
AD-628 938 20A T 66 08 HC$ 1.00 MF$ 0.50
AD-628 939 20B T 66 08 HC$ 1.25 MF$ 0.50
AD-628 940 5I T 66 08 HC$ 3.00 MF$ 0.75
AD-628 941 20E T 66 08 HC$ 1.60 MF$ 0.50
AD-628 942 20A T 66 08 HC$ 3.60 MF$ 0.50
AD-628 943 9E T 66 08 HC$ 2.00 MF$ 0.50
AD-628 944 5I T 66 08 HC$ 1.60 MF$ 0.50
AD-628 945 6S T 66 08
AD-628 946 5A T 66 08 HC$ 3.00 MF$ 0.75
AD-628 947 12A T 66 08 HC$ 6.00 MF$ 1.25
AD-628 948 6P T 66 08
AD-628 949 6S T 66 08
AD-628 950 6T T 66 08
AD-628 951 5J T 66 08
AD-628 952 5I T 66 08
AD-628 953 5I T 66 08 HC$ 2.00 MF$ 0.50
AD-628 954 12B T 66 08 HC$ 6.00 MF$ 1.50
AD-628 955 12B T 66 08 HC$ 6.00 MF$ 1.50
AD-628 956 9D T 66 08 HC$10.60 MF$ 0.75
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50
AD-628 958 19A T 66 08 HC$ 1.60 MF$ 0.50
AD-628 959 6S T 66 08 HC$ 1.60 MF$ 0.50
AD-628 960 5I T 66 08 HC$ 2.60 MF$ 0.50
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75
AD-628 962 5I T 66 08 HC$ 3.00 MF$ 0.75
AD-628 963 6P T 66 08
AD-628 964 6E T 66 08 HC$ 1.00 MF$ 0.50
AD-628 965 8A T 66 08
AD-628 966 8J T 66 08
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50
AD-628 968 20I T 66 08 HC$ 1.00 MF$ 0.50
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50
AD-628 970 18H T 66 08
AD-628 971 4A T 66 08 HC$ 1.00 MF$ 0.50
AD-628 972 4B T 66 08 HC$ 1.00 MF$ 0.50
AD-628 973 4B T 66 08 HC$ 2.00 MF$ 0.50
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50
AD-628 975 7D T 66 08 HC$ 1.00 MF$ 0.50
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50
AD-628 977 11F T 66 08 HC$11.60 MF$ 0.75
AD-628 978 13M T 66 08 HC$ 1.00 MF$ 0.50
AD-628 979 13H T 66 08 HC$ 2.00 MF$ 0.50
AD-628 980 17B T 66 08 HC$ 5.00 MF$ 1.00
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75
AD-628 983 8G T 66 08 HC$ 6.00 MF$ 1.25
AD-628 984 19D T 66 08 HC$ 4.00 MF$ 1.00
AD-628 985 20B T 66 08 HC$ 1.00 MF$ 0.50
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75
AD-628 988 17B T 66 08 HC$ 5.00 MF$ 1.00
AD-628 989 19D T 66 08 HC$ 1.00 MF$ 0.50
AD-628 990 9A T 66 08 HC$ 1.00 MF$ 0.50
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75
AD-628 992 13H T 66 08 HC$ 1.60 MF$ 0.50
AD-628 993 17B T 66 08 HC$ 3.00 MF$ 0.50
AD-628 994 5J T 66 08 HC$ 1.60 MF$ 0.50
AD-628 995 5J T 66 08 HC$ 1.60 MF$ 0.50
AD-628 996 13M T 66 08 HC$11.60 MF$ 0.75
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50
AD-628 999 10C T 66 08 HC$ 2.60 MF$ 0.50
AD-629 000 12B T 66 08 HC$ 6.60 MF$ 0.75
AD-629 001 7D T 66 08 HC$ 1.60 MF$ 0.50
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00
AD-629 003 6T T 66 08 HC$ 2.60 MF$ 0.50
AD-629 004 14B T 66 08 HC$ 3.00 MF$ 0.75
AD-629 005 9A T 66 08 HC$ 5.60 MF$ 0.50
AD-629 006 10B T 66 08 HC$ 1.00 MF$ 0.50
AD-629 007 4B T 66 08 HC$ 1.00 MF$ 0.50
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50
AD-629 009 4B T 66 08 HC$ 4.00 MF$ 0.75

AD-629 010	4B	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 121	9A	T	66	08								
AD-629 011	20D	T	66	08			AD-629 122	7C	T	66	08								
AD-629 012	13K	T	66	08	HC$22.00	MF$ 1.25	AD-629 123	4A	T	66	08	HC$ 6.00	MF$ 1.25						
AD-629 013	11G	T	66	08	HC$ 4.00	MF$ 1.00	AD-629 124	22B	T	66	08	HC$ 5.60	MF$ 0.50						
AD-629 014	20J	T	66	08	HC$ 3.00	MF$ 0.75	AD-629 125	9E	T	66	08	HC$ 2.60	MF$ 0.50						
AD-629 015	13H	T	66	08	HC$ 4.60	MF$ 0.50	AD-629 126	9A	T	66	08	HC$ 2.00	MF$ 0.50						
AD-629 016	5J	T	66	08	HC$ 1.60	MF$ 0.50	AD-629 127	4A	T	66	08	HC$ 6.00	MF$ 1.50						
AD-629 017	6E	T	66	08	HC$ 7.60	MF$ 0.75	AD-629 128	9A	T	66	08	HC$ 3.00	MF$ 0.50						
AD-629 018	20C	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 129	12B	T	66	08	HC$ 3.60	MF$ 0.50						
AD-629 019	11F	T	66	08			AD-629 130	3A	T	66	08	HC$ 8.60	MF$ 0.75						
AD-629 020	20H	T	66	08			AD-629 131	15E	T	66	08	HC$ 2.00	MF$ 0.50						
AD-629 021	12B	T	66	08			AD-629 132	12A	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 022	7D	T	66	08			AD-629 133	5C	T	66	08	HC$ 4.00	MF$ 0.75						
AD-629 023	12A	T	66	08			AD-629 134	12A	T	66	08								
AD-629 024	7D	T	66	08			AD-629 135	12A	T	66	08								
AD-629 025	20G	T	66	08			AD-629 136	8J	T	66	08								
AD-629 026	21H	T	66	08			AD-629 137	20M	T	66	08								
AD-629 027	7D	T	66	08			AD-629 138	7D	T	66	08								
AD-629 028	12A	T	66	08			AD-629 139	15C	T	66	08	HC$19.20	MF$ 1.25						
AD-629 029	12A	T	66	08			AD-629 140	14C	T	66	08								
AD-629 030	20F	T	66	08			AD-629 141	20J	T	66	08	HC$ 2.60	MF$ 0.50						
AD-629 031	4A	T	66	08			AD-629 142	8J	T	66	08								
AD-629 032	12A	T	66	08			AD-629 143	12A	T	66	08								
AD-629 033	20L	T	66	08			AD-629 144	5J	T	66	08								
AD-629 034	5J	T	66	08			AD-629 145	15E	T	66	08	HC$24.60	MF$ 1.25						
AD-629 035	12A	T	66	08			AD-629 146	5J	T	66	08								
AD-629 036	3B	T	66	08			AD-629 147	5J	T	66	08								
AD-629 037	19A	T	66	08	HC$ 9.60	MF$ 0.75	AD-629 148	9E	T	66	08	HC$ 3.00	MF$ 0.75						
AD-629 038	13I	T	66	08	HC$ 2.00	MF$ 0.50	AD-629 149	7D	T	66	08								
AD-629 039	11H	T	66	08	HC$ 3.00	MF$ 0.50	AD-629 150	20L	T	66	08								
AD-629 040	20K	T	66	08			AD-629 151	20L	T	66	08								
AD-629 041	20J	T	66	08			AD-629 152	20D	T	66	08								
AD-629 042	12A	T	66	08	HC$ 2.00	MF$ 0.50	AD-629 153	20F	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 043	22B	T	66	08			AD-629 154	20B	T	66	08	HC$ 3.60	MF$ 0.50						
AD-629 044	20D	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 155	9E	T	66	08	HC$ 6.00	MF$ 1.50						
AD-629 045	7D	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 156	8J	T	66	08	HC$ 4.00	MF$ 0.75						
AD-629 046	8G	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 157	1D	T	66	08	HC$ 9.60	MF$ 0.75						
AD-629 047	3A	T	66	08	HC$ 2.00	MF$ 0.50	AD-629 158	20E	T	66	08								
AD-629 048	20L	T	66	08	HC$ 3.00	MF$ 0.75	AD-629 159	20E	T	66	08								
AD-629 049	7C	T	66	08			AD-629 160	7E	T	66	08								
AD-629 050	7C	T	66	08			AD-629 161	20E	T	66	08								
AD-629 051	12A	T	66	08			AD-629 162	20C	T	66	08	HC$ 4.00	MF$ 0.75						
AD-629 052	7C	T	66	08			AD-629 163	4B	T	66	08	HC$ 4.60	MF$ 0.50						
AD-629 053	6G	T	66	08			AD-629 164	5I	T	66	08	HC$ 8.60	MF$ 0.75						
AD-629 054	6G	T	66	08			AD-629 165	11I	T	66	08	HC$ 4.60	MF$ 0.50						
AD-629 055	13G	T	66	08	HC$ 3.00	MF$ 0.75	AD-629 166	6C	T	66	08	HC$10.40	MF$ 2.75						
AD-629 056	13G	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 167	13J	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 057	9C	T	66	08			AD-629 168	21C	T	66	08	HC$ 5.00	MF$ 1.00						
AD-629 058	20L	T	66	08			AD-629 169	20M	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 059	18D	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 170	20E	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 060	12A	T	66	08	HC$ 2.00	MF$ 0.50	AD-629 171	6P	T	66	08								
AD-629 061	7D	T	66	08	HC$ 3.00	MF$ 0.75	AD-629 172	9A	T	66	08								
AD-629 062	20C	T	66	08			AD-629 173	20L	T	66	08								
AD-629 063	7C	T	66	08			AD-629 174	20L	T	66	08								
AD-629 064	4A	T	66	08	HC$ 2.00	MF$ 0.50	AD-629 175	20A	T	66	08								
AD-629 065	7E	T	66	08			AD-629 176	12A	T	66	08								
AD-629 066	20M	T	66	08	HC$ 1.60	MF$ 0.50	AD-629 177	6E	T	66	08								
AD-629 067	6S	T	66	08	HC$ 1.10	MF$ 0.50	AD-629 178	9A	T	66	08	HC$ 2.00	MF$ 0.50						
AD-629 068	11F	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 179	20K	T	66	08	HC$ 2.00	MF$ 0.50						
AD-629 069	20L	T	66	08			AD-629 180	18F	T	66	08	HC$12.60	MF$ 1.00						
AD-629 070	21I	T	66	08			AD-629 181	2F	T	66	08	HC$30.90	MF$ 1.50						
AD-629 071	8G	T	66	08	HC$ 4.00	MF$ 0.75	AD-629 182	20C	T	66	08								
AD-629 072	7D	T	66	08			AD-629 183	20H	T	66	08								
AD-629 073	8K	T	66	08			AD-629 184	20L	T	66	08								
AD-629 074	8G	T	66	08			AD-629 185	20C	T	66	08								
AD-629 075	7D	T	66	08			AD-629 186	20M	T	66	08								
AD-629 076	6O	T	66	08	HC$ 2.60	MF$ 0.50	AD-629 187	20L	T	66	08								
AD-629 077	13L	T	66	08	HC$ 2.60	MF$ 0.50	AD-629 188	20L	T	66	08								
AD-629 078	6P	T	66	08	HC$ 2.00	MF$ 0.50	AD-629 189	9A	T	66	08								
AD-629 079	6C	T	66	08	HC$ 2.00		AD-629 190	20C	T	66	08								
AD-629 080	20C	T	66	08			AD-629 191	20C	T	66	08								
AD-629 081	4A	T	66	08	HC$ 4.00	MF$ 0.75	AD-629 192	20D	T	66	08								
AD-629 082	14A	T	66	08	HC$ 3.00	MF$ 0.50	AD-629 193	14B	T	66	08								
AD-629 083	12A	T	66	08			AD-629 194	20C	T	66	08								
AD-629 084	14D	T	66	08	HC$ 1.60	MF$ 0.50	AD-629 195	20L	T	66	08								
AD-629 085	12A	T	66	08			AD-629 196	19A	T	66	08	HC$ 2.60	MF$ 0.50						
AD-629 086	7E	T	66	08			AD-629 197	17A	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 087	8N	T	66	08	HC$14.60	MF$ 1.00	AD-629 198	6S	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 088	8K	T	66	08	HC$ 4.00	MF$ 1.00	AD-629 199	9A	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 089	20L	T	66	08			AD-629 200	20L	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 090	20L	T	66	08			AD-629 201	20H	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 091	20J	T	66	08	HC$ 1.60	MF$ 0.50	AD-629 202	6P	T	66	08								
AD-629 092	6P	T	66	08			AD-629 203	6P	T	66	08								
AD-629 093	6P	T	66	08			AD-629 204	6P	T	66	08								
AD-629 094	20D	T	66	08	HC$ 6.60	MF$ 0.75	AD-629 205	6P	T	66	08								
AD-629 095	6C	T	66	08			AD-629 206	6P	T	66	08								
AD-629 096	9B	T	66	08	HC$ 3.00	MF$ 0.75	AD-629 207	6P	T	66	08								
AD-629 097	20J	T	66	08	HC$ 6.60	MF$ 0.75	AD-629 208	7D	T	66	08								
AD-629 098	3B	T	66	08	HC$ 1.10	MF$ 0.50	AD-629 209	22C	T	66	08								
AD-629 099	6C	T	66	08			AD-629 210	6P	T	66	08								
AD-629 100	5J	T	66	08			AD-629 211	6P	T	66	08								
AD-629 101	14C	T	66	08			AD-629 212	20D	T	66	08	HC$ 2.60	MF$ 0.50						
AD-629 102	5J	T	66	08			AD-629 213	20D	T	66	08	HC$ 2.60	MF$ 0.50						
AD-629 103	7D	T	66	08	HC$ 1.00	MF$ 0.50	AD-629 214	20A	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 104	17F	T	66	08	HC$ 2.00	MF$ 0.50	AD-629 215	6R	T	66	08	HC$ 3.00	MF$ 0.75						
AD-629 105	11F	T	66	08	HC$ 3.00	MF$ 0.75	AD-629 216	6O	T	66	08								
AD-629 106	11F	T	66	08	HC$ 5.00	MF$ 1.00	AD-629 217	18F	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 107	12A	T	66	08	HC$ 1.60	MF$ 0.50	AD-629 218	6P	T	66	08								
AD-629 108	20N	T	66	08	HC$ 3.00	MF$ 0.75	AD-629 219	6H	T	66	08	HC$ 4.00	MF$ 1.00						
AD-629 109	6P	T	66	08			AD-629 220	10B	T	66	08	HC$ 5.60	MF$ 0.50						
AD-629 110	6S	T	66	08			AD-629 221	6P	T	66	08								
AD-629 111	6S	T	66	08			AD-629 222	9B	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 112	7C	T	66	08			AD-629 223	5C	T	66	08	HC$ 1.10	MF$ 0.50						
AD-629 113	8G	T	66	08			AD-629 224	19A	T	66	08	HC$ 2.60	MF$ 0.50						
AD-629 114	3B	T	66	08			AD-629 225	5B	T	66	08	HC$ 2.00	MF$ 0.50						
AD-629 115	9A	T	66	08			AD-629 226	20N	T	66	08	HC$11.60	MF$ 0.75						
AD-629 116	3A	T	66	08			AD-629 227	21E	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 117	3C	T	66	08			AD-629 228	11B	T	66	08	HC$ 1.00	MF$ 0.50						
AD-629 118	4B	T	66	08			AD-629 229	5A	T	66	08	HC$ 2.00	MF$ 0.50						
AD-629 119	4A	T	66	08			AD-629 230	5A	T	66	08	HC$ 1.60	MF$ 0.50						
AD-629 120	20I	T	66	08			AD-629 231	19D	T	66	08	HC$ 2.00	MF$ 0.50						

AD-629 232 7D T 66 08
AD-629 233 3B T 66 08
AD-629 234 5K T 66 08
AD-629 235 5K T 66 08
AD-629 236 20H T 66 08
AD-629 237 7D T 66 08
AD-629 238 19D T 66 08 HC$ 2.00 MF$ 0.50
AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50
AD-629 240 20C T 66 08
AD-629 241 10B T 66 08 HC$ 3.00 MF$ 0.75
AD-629 242 17B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 243 20D T 66 08
AD-629 244 20H T 66 08
AD-629 245 7D T 66 08
AD-629 246 9A T 66 08 HC$ 4.00 MF$ 0.75
AD-629 247 20M T 66 08
AD-629 248 20D T 66 08
AD-629 249 7D T 66 08
AD-629 250 7D T 66 08
AD-629 251 7D T 66 08
AD-629 252 7D T 66 08
AD-629 253 7D T 66 08
AD-629 254 5G T 66 08
AD-629 255 7D T 66 08
AD-629 256 12A T 66 08
AD-629 257 20H T 66 08
AD-629 258 6A T 66 08
AD-629 259 6A T 66 08
AD-629 260 20I T 66 08
AD-629 261 19G T 66 08
AD-629 262 20I T 66 08
AD-629 263 8K T 66 08 HC$ 1.10 MF$ 0.50
AD-629 264 8K T 66 08 HC$ 1.60 MF$ 0.50
AD-629 265 5J T 66 08
AD-629 266 20L T 66 08
AD-629 267 20L T 66 08
AD-629 268 5A T 66 08 HC$ 1.00 MF$ 0.50
AD-629 269 12A T 66 08
AD-629 270 12A T 66 08
AD-629 271 12B T 66 08
AD-629 272 12A T 66 08
AD-629 273 13J T 66 08 HC$ 3.60 MF$ 0.50
AD-629 274 9A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 275 13D T 66 08 HC$ 1.60 MF$ 0.50
AD-629 276 20A T 66 08
AD-629 277 19D T 66 08 HC$ 3.60 MF$ 0.50
AD-629 278 9B T 66 08 HC$ 2.00 MF$ 0.75
AD-629 279 6P T 66 08
AD-629 280 6P T 66 08
AD-629 281 11I T 66 08
AD-629 282 6A T 66 08
AD-629 283 20H T 66 08
AD-629 284 20D T 66 08 HC$ 2.60 MF$ 0.50
AD-629 285 20D T 66 08 HC$ 1.60 MF$ 0.50
AD-629 286 9A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 287 9A T 66 08 HC$ 3.00 MF$ 0.75
AD-629 288 6A T 66 08
AD-629 289 3B T 66 08
AD-629 290 3B T 66 08
AD-629 291 20L T 66 08
AD-629 292 20L T 66 08
AD-629 293 20L T 66 08
AD-629 294 6A T 66 08
AD-629 295 7C T 66 08
AD-629 296 6C T 66 08
AD-629 297 6C T 66 08
AD-629 298 20L T 66 08
AD-629 299 6C T 66 08
AD-629 300 5J T 66 08
AD-629 301 20D T 66 08
AD-629 302 22C T 66 08
AD-629 303 7D T 66 08
AD-629 304 5I T 66 08 HC$ 2.60 MF$ 0.50
AD-629 305 20H T 66 08
AD-629 306 9E T 66 08 HC$ 3.00 MF$ 0.75
AD-629 307 11B T 66 08 MF$ 1.00
AD-629 308 12B T 66 08 HC$ 3.60 MF$ 0.50
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50
AD-629 310 4A T 66 08
AD-629 311 6R T 66 08 HC$ 2.00 MF$ 0.50
AD-629 312 20D T 66 08 HC$ 3.00 MF$ 0.75
AD-629 313 6E T 66 08
AD-629 314 6T T 66 08
AD-629 315 4A T 66 08
AD-629 316 6H T 66 08
AD-629 317 6A T 66 08
AD-629 318 4A T 66 08
AD-629 319 20N T 66 08
AD-629 320 20C T 66 08
AD-629 321 20D T 66 08
AD-629 322 20D T 66 08
AD-629 323 20D T 66 08
AD-629 324 7D T 66 08
AD-629 325 20N T 66 08
AD-629 326 4A T 66 08
AD-629 327 9B T 66 08 HC$ 1.60 MF$ 0.50
AD-629 328 19D T 66 08 HC$ 6.60 MF$ 0.75
AD-629 329 6A T 66 08
AD-629 330 6S T 66 08
AD-629 331 20N T 66 08
AD-629 332 4A T 66 08
AD-629 333 7D T 66 08
AD-629 334 3C T 66 08
AD-629 335 3B T 66 08
AD-629 336 4A T 66 08
AD-629 337 4A T 66 08
AD-629 338 3B T 66 08
AD-629 339 9E T 66 08
AD-629 340 6E T 66 08
AD-629 341 E T 66 08
AD-629 342 6E T 66 08
AD-629 343 3B T 66 08
AD-629 344 6E T 66 08
AD-629 345 6E T 66 08
AD-629 346 9B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 347 6G T 66 08 HC$ 1.60 MF$ 0.50
AD-629 348 6F T 66 08 HC$ 1.00 MF$ 0.50
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50
AD-629 350 15G T 66 08 HC$ 2.60 MF$ 0.50
AD-629 351 15G T 66 08 HC$ 5.60 MF$ 0.75
AD-629 352 17B T 66 08 HC$ 3.00 MF$ 0.75
AD-629 353 9E T 66 08 HC$ 1.00 MF$ 0.50
AD-629 354 17B T 66 08 HC$ 2.60 MF$ 0.50
AD-629 355 6E T 66 08 HC$ 5.00 MF$ 1.00
AD-629 356 4A T 66 08
AD-629 357 18C T 66 08 HC$ 3.00 MF$ 0.75
AD-629 358 20I T 66 08
AD-629 359 17I T 66 08 HC$10.60 MF$ 0.75
AD-629 360 4A T 66 08
AD-629 361 9B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 362 7D T 66 08
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75
AD-629 364 20A T 66 08
AD-629 365 18C T 66 08
AD-629 366 3B T 66 08
AD-629 367 5B T 66 08
AD-629 368 6D T 66 08 HC$ 5.60 MF$ 0.50
AD-629 369 9D T 66 08
AD-629 370 11E T 66 08 HC$ 3.00 MF$ 0.50
AD-629 371 9B T 66 08
AD-629 372 20K T 66 08 HC$ 6.60 MF$ 0.75
AD-629 373 20K T 66 08
AD-629 374 6C T 66 08 HC$ 1.00 MF$ 0.50
AD-629 375 12A T 66 08 HC$ 2.60 MF$ 0.50
AD-629 376 3B T 66 08
AD-629 378 7E T 66 08
AD-629 379 20D T 66 08 HC$ 4.60 MF$ 0.50
AD-629 380 7D T 66 08
AD-629 381 14D T 66 08 HC$ 2.00 MF$ 0.50
AD-629 382 5J T 66 08
AD-629 383 5J T 66 08
AD-629 384 12B T 66 08 HC$ 3.60 MF$ 0.50
AD-629 385 9A T 66 08 HC$ 1.00 MF$ 0.50
AD-629 386 9A T 66 08 HC$ 1.00 MF$ 0.50
AD-629 387 14B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 388 7D T 66 08
AD-629 389 9E T 66 08 HC$ 1.00 MF$ 0.50
AD-629 390 16C T 66 08 HC$ 3.00 MF$ 0.75
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50
AD-629 392 6F T 66 08
AD-629 393 7D T 66 08
AD-629 394 7C T 66 08
AD-629 395 11F T 66 08
AD-629 396 7D T 66 08
AD-629 397 7D T 66 08
AD-629 398 20J T 66 08
AD-629 399 12A T 66 08
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75
AD-629 401 6C T 66 08
AD-629 402 8F T 66 08
AD-629 403 17B T 66 08
AD-629 404 18C T 66 08 HC$ 3.60 MF$ 0.50
AD-629 405 13K T 66 08 HC$ 2.00 MF$ 0.50
AD-629 406 6E T 66 08
AD-629 407 18C T 66 08 HC$ 3.00 MF$ 0.50
AD-629 408 9D T 66 08
AD-629 409 9D T 66 08
AD-629 410 9E T 66 08
AD-629 411 6O T 66 08 HC$ 1.10 MF$ 0.50
AD-629 412 3B T 66 08 HC$ 1.60 MF$ 0.50
AD-629 413 11D T 66 08 HC$ 1.10 MF$ 0.50
AD-629 414 14B T 66 08 HC$ 1.00 MF$ 0.50
AD-629 415 11H T 66 08 HC$ 1.00 MF$ 0.50
AD-629 416 20D T 66 08 HC$ 4.60 MF$ 0.50
AD-629 417 20I T 66 08
AD-629 418 6E T 66 08
AD-629 419 10C T 66 08 HC$ 4.60 MF$ 0.50
AD-629 420 20M T 66 08
AD-629 421 6R T 66 08 HC$22.70 MF$ 1.25
AD-629 422 6R T 66 08 HC$ 1.60 MF$ 0.50
AD-629 423 20L T 66 08 HC$ 2.60 MF$ 0.50
AD-629 424 17G T 66 08 HC$ 8.40 MF$ 2.25
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50
AD-629 428 20K T 66 08 HC$ 2.60 MF$ 0.50
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50
AD-629 430 4A T 66 08 HC$ 4.60 MF$ 0.50
AD-629 431 8K T 66 08 HC$ 3.60 MF$ 0.50
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50
AD-629 433 20L T 66 08 HC$ 1.00 MF$ 0.50
AD-629 434 9A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 435 12A T 66 08 MF$ 0.75
AD-629 436 20K T 66 08 HC$ 3.00 MF$ 0.75
AD-629 437 3B T 66 08
AD-629 438 8G T 66 08 HC$ 1.60 MF$ 0.50
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50
AD-629 440 20K T 66 08 HC$23.60 MF$ 1.25
AD-629 441 1B T 66 08 HC$26.30 MF$ 1.25
AD-629 442 9E T 66 08 HC$ 1.10 MF$ 0.50
AD-629 443 5I T 66 08 HC$ 1.60 MF$ 0.50
AD-629 444 5G T 66 08 HC$ 2.00 MF$ 0.50
AD-629 445 20E T 66 08
AD-629 446 12A T 66 08
AD-629 447 10B T 66 08 HC$ 2.60 MF$ 0.50
AD-629 448 7C T 66 08
AD-629 449 4A T 66 08 HC$ 1.60 MF$ 0.50
AD-629 450 7C T 66 08
AD-629 451 4A T 66 08
AD-629 452 17H T 66 08 HC$ 1.10 MF$ 0.50
AD-629 453 1B T 66 08 HC$ 1.60 MF$ 0.50
AD-629 454 17I T 66 08 HC$ 4.00 MF$ 1.00

AD-629 455 5G T 66 08
AD-629 456 19A T 66 08 HC$ 3.60 MF$ 0.50
AD-629 457 20E T 66 08
AD-629 458 20C T 66 08
AD-629 459 6C T 66 08
AD-629 460 20C T 66 08
AD-629 461 6C T 66 08
AD-629 462 6C T 66 08
AD-629 463 20C T 66 08
AD-629 464 7D T 66 08
AD-629 465 7D T 66 08
AD-629 466 8K T 66 08
AD-629 467 7D T 66 08
AD-629 468 9E T 66 08
AD-629 469 5F T 66 08 HC$ 5.00 MF$ 1.00
AD-629 470 7C T 66 08
AD-629 471 20D T 66 08 HC$ 2.60 MF$ 0.50
AD-629 472 7D T 66 08 HC$ 1.60 MF$ 0.50
AD-629 473 17B T 66 08 HC$ 1.10 MF$ 0.50
AD-629 474 21E T 66 08 HC$ 1.60 MF$ 0.50
AD-629 475 13K T 66 08 HC$ 1.10 MF$ 0.50
AD-629 476 10B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 477 7C T 66 08
AD-629 478 7E T 66 08 HC$ 5.00 MF$ 1.00
AD-629 479 7E T 66 08 HC$ 6.00 MF$ 1.25
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75
AD-629 481 20B T 66 08 HC$ 5.00 MF$ 1.00
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50
AD-629 483 7D T 66 08 HC$ 3.60 MF$ 0.50
AD-629 484 9C T 66 08 HC$ 6.60 MF$ 0.75
AD-629 485 7C T 66 08
AD-629 486 12A T 66 08
AD-629 487 12B T 66 08
AD-629 488 7C T 66 08
AD-629 489 7E T 66 08
AD-629 490 11B T 66 08
AD-629 492 7C T 66 08
AD-629 493 20L T 66 08
AD-629 494 9B T 66 08 HC$ 6.00 MF$ 1.25
AD-629 495 20L T 66 08 HC$ 1.00 MF$ 0.50
AD-629 496 20I T 66 08 HC$ 2.60 MF$ 0.50
AD-629 497 7C T 66 08
AD-629 498 7D T 66 08
AD-629 499 20D T 66 08
AD-629 500 11F T 66 08 HC$ 5.00 MF$ 0.75
AD-629 501 10C T 66 08
AD-629 502 9A T 66 08
AD-629 503 20E T 66 08
AD-629 504 7D T 66 08
AD-629 505 12B T 66 08 HC$ 1.10 MF$ 0.50
AD-629 506 12A T 66 08 HC$ 1.10 MF$ 0.50
AD-629 507 7D T 66 08
AD-629 508 20L T 66 08
AD-629 509 13E T 66 08 HC$ 1.00 MF$ 0.50
AD-629 510 13J T 66 08 HC$ 1.00 MF$ 0.50
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50
AD-629 513 14E T 66 08
AD-629 514 20L T 66 08
AD-629 515 7C T 66 08 HC$ 2.00 MF$ 0.50
AD-629 516 17B T 66 08
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50
AD-629 518 12A T 66 08 HC$ 1.60 MF$ 0.50
AD-629 519 12B T 66 08 HC$ 3.60 MF$ 0.50
AD-629 520 12B T 66 08 HC$ 2.60 MF$ 0.50
AD-629 521 12B T 66 08 HC$ 3.60 MF$ 0.50
AD-629 522 13F T 66 08 MF$ 1.00
AD-629 523 20H T 66 08
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75
AD-629 525 12A T 66 08 HC$ 5.60 MF$ 0.50
AD-629 526 13K T 66 08 HC$ 4.60 MF$ 0.50
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75
AD-629 528 12A T 66 08
AD-629 529 12A T 66 08
AD-629 530 12A T 66 08
AD-629 531 7D T 66 08
AD-629 532 8K T 66 08
AD-629 533 20D T 66 08
AD-629 535 20I T 66 08
AD-629 536 20M T 66 08
AD-629 537 20I T 66 08 HC$ 3.00 MF$ 0.75
AD-629 538 12A T 66 08
AD-629 539 9D T 66 08 HC$ 2.00 MF$ 0.50
AD-629 540 20J T 66 08
AD-629 541 20J T 66 08
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75
AD-629 543 9E T 66 08 HC$ 4.60 MF$ 0.50
AD-629 544 15E T 66 08 HC$ 3.00 MF$ 0.75
AD-629 545 18D T 66 08 HC$ 8.60 MF$ 0.75
AD-629 546 9E T 66 08 HC$ 4.00 MF$ 0.75
AD-629 547 7C T 66 08
AD-629 548 6O T 66 08 HC$ 2.00 MF$ 0.50
AD-629 549 7C T 66 08
AD-629 550 17B T 66 08 HC$ 4.00 MF$ 1.00
AD-629 551 7B T 66 08
AD-629 552 7B T 66 08
AD-629 553 7C T 66 08
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75
AD-629 555 5D T 66 08 HC$ 3.60 MF$ 0.50
AD-629 556 4A T 66 08 HC$ 4.60 MF$ 0.50
AD-629 557 20B T 66 08 HC$ 2.60 MF$ 0.50
AD-629 558 20L T 66 08
AD-629 559 6P T 66 08
AD-629 560 6P T 66 08
AD-629 561 6P T 66 08
AD-629 562 10B T 66 08 HC$ 4.60 MF$ 0.50
AD-629 563 6O T 66 08
AD-629 564 5A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 565 20B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 566 5J T 66 08
AD-629 567 12A T 66 08
AD-629 568 20K T 66 08
AD-629 569 5D T 66 08 HC$ 2.00 MF$ 0.50
AD-629 570 11B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 571 9A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 572 1E T 66 08 HC$ 2.60 MF$ 0.50
AD-629 573 5I T 66 08 HC$ 3.60 MF$ 0.50
AD-629 574 5I T 66 08 HC$ 2.60 MF$ 0.50
AD-629 575 5I T 66 08 HC$ 4.60 MF$ 0.50
AD-629 576 18H T 66 08 HC$ 4.60 MF$ 0.50
AD-629 577 20D T 66 08 HC$ 2.60 MF$ 0.50
AD-629 578 9E T 66 08 HC$ 6.00 MF$ 1.25
AD-629 579 20K T 66 08 HC$ 3.60 MF$ 0.50
AD-629 580 20K T 66 08 HC$ 3.60 MF$ 0.50
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50
AD-629 585 21I T 66 08 HC$ 3.60 MF$ 0.50
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50
AD-629 587 5A T 66 08 HC$ 1.10 MF$ 0.50
AD-629 588 4B T 66 08
AD-629 589 6P T 66 08 HC$ 1.00 MF$ 0.50
AD-629 590 14B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 591 12A T 66 08
AD-629 592 13J T 66 08 HC$ 3.60 MF$ 0.50
AD-629 593 12A T 66 08
AD-629 594 5J T 66 08 HC$ 2.00 MF$ 0.50
AD-629 595 12A T 66 08
AD-629 596 9E T 66 08 HC$ 2.60 MF$ 0.50
AD-629 597 12A T 66 08
AD-629 598 11F T 66 08 HC$ 4.00 MF$ 0.75
AD-629 599 6P T 66 08
AD-629 600 12A T 66 08
AD-629 601 17I T 66 08 HC$ 3.00 MF$ 0.75
AD-629 602 12A T 66 08
AD-629 603 11E T 66 08 HC$ 3.00 MF$ 0.75
AD-629 604 12A T 66 08
AD-629 605 12A T 66 08 HC$ 3.60 MF$ 0.50
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75
AD-629 607 18F T 66 08 HC$ 6.00 MF$ 1.25
AD-629 608 20L T 66 08 HC$ 1.00 MF$ 0.50
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50
AD-629 611 12A T 66 08
AD-629 612 7D T 66 08
AD-629 613 7D T 66 08
AD-629 614 7D T 66 08
AD-629 615 20L T 66 08
AD-629 616 20J T 66 08
AD-629 617 12A T 66 08
AD-629 618 12A T 66 08
AD-629 619 12A T 66 08
AD-629 620 9E T 66 08 HC$ 1.60 MF$ 0.50
AD-629 621 12A T 66 08
AD-629 622 6K T 66 08 HC$ 7.00 MF$ 1.50
AD-629 624 6P T 66 08 HC$ 3.00 MF$ 0.75
AD-629 625 20D T 66 08
AD-629 626 12A T 66 08
AD-629 627 3B T 66 08 HC$ 2.00 MF$ 0.50
AD-629 628 8B T 66 08 HC$13.60 MF$ 1.00
AD-629 629 20D T 66 08 HC$ 8.60 MF$ 0.75
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50
AD-629 631 9A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 632 1A T 66 08 HC$ 8.60 MF$ 0.75
AD-629 633 13A T 66 08 HC$ 4.00 MF$ 0.75
AD-629 634 13A T 66 08 HC$ 1.00 MF$ 0.50
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75
AD-629 636 13I T 66 08 HC$ 6.00 MF$ 1.50
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00
AD-629 638 7C T 66 08
AD-629 639 7C T 66 08
AD-629 640 7C T 66 08
AD-629 641 7C T 66 08
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75
AD-629 643 20D T 66 08 HC$ 4.00 MF$ 0.75
AD-629 644 11F T 66 08 HC$ 3.60 MF$ 0.50
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50
AD-629 646 20A T 66 08 HC$11.60 MF$ 0.75
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75
AD-629 648 1C T 66 08 HC$ 5.60 MF$ 0.75
AD-629 649 12A T 66 08
AD-629 650 13K T 66 08 HC$ 3.00 MF$ 0.50
AD-629 651 7D T 66 08
AD-629 652 7D T 66 08
AD-629 653 14B T 66 08 HC$ 1.60 MF$ 0.50
AD-629 654 20L T 66 08
AD-629 655 20J T 66 08
AD-629 656 7D T 66 08
AD-629 657 20L T 66 08
AD-629 658 20L T 66 08
AD-629 659 20L T 66 08
AD-629 660 20L T 66 08
AD-629 661 20L T 66 08
AD-629 662 4B T 66 08 HC$ 1.00 MF$ 0.50
AD-629 663 7D T 66 08
AD-629 664 9C T 66 08
AD-629 665 7D T 66 08
AD-629 666 20D T 66 08
AD-629 667 6C T 66 08 HC$ 5.60 MF$ 0.75
AD-629 668 20B T 66 08
AD-629 670 19D T 66 08 HC$ 1.00 MF$ 0.50
AD-629 671 7E T 66 08 HC$ 1.60 MF$ 0.50
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50
AD-629 673 13J T 66 08 HC$ 1.00 MF$ 0.50
AD-629 674 11H T 66 08 HC$ 2.60 MF$ 0.50
AD-629 675 8L T 66 08 HC$ 4.60 MF$ 0.50
AD-629 676 20H T 66 08
AD-629 677 5J T 66 08 HC$ 1.60 MF$ 0.50
AD-629 678 5J T 66 08 HC$ 4.60 MF$ 0.50
AD-629 679 5J T 66 08 HC$ 1.60 MF$ 0.50
AD-629 680 5J T 66 08 HC$ 2.60 MF$ 0.50

AD-629 681 7C T 66 08
AD-629 682 3B T 66 08
AD-629 683 7C T 66 08
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50
AD-629 685 12A T 66 08 HC$ 4.60 MF$ 0.50
AD-629 686 9E T 66 08
AD-629 687 12A T 66 08
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50
AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50
AD-629 690 20D T 66 08
AD-629 691 9C T 66 08
AD-629 692 5G T 66 08 HC$ 3.00 MF$ 0.75
AD-629 693 5G T 66 08 HC$ 2.00 MF$ 0.50
AD-629 694 5G T 66 08 HC$ 2.00 MF$ 0.50
AD-629 695 5G T 66 08 HC$ 3.00 MF$ 0.75
AD-629 696 4A T 66 08 HC$ 6.00 MF$ 1.25
AD-629 697 5J T 66 08
AD-629 698 20B T 66 08
AD-629 699 11B T 66 08
AD-629 700 5A T 66 08 HC$ 1.00 MF$ 0.50
AD-629 701 20B T 66 08
AD-629 702 20L T 66 08
AD-629 703 20H T 66 08
AD-629 704 20F T 66 08 HC$ 1.00 MF$ 0.50
AD-629 705 8E T 66 08 HC$ 2.00 MF$ 0.50
AD-629 706 13H T 66 08 HC$ 2.60 MF$ 0.50
AD-629 707 6T T 66 08 HC$ 4.00 MF$ 0.75
AD-629 708 13H T 66 08 HC$ 1.00 MF$ 0.50
AD-629 709 18E T 66 08 HC$ 1.00 MF$ 0.50
AD-629 710 20F T 66 08
AD-629 711 7C T 66 08
AD-629 712 12A T 66 08
AD-629 713 20B T 66 08
AD-629 714 20C T 66 08
AD-629 715 7D T 66 08
AD-629 716 20L T 66 08
AD-629 717 9A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 718 9A T 66 08 HC$ 1.00 MF$ 0.50
AD-629 719 20M T 66 08 HC$ 5.00 MF$ 1.00
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00
AD-629 722 17I T 66 08 HC$ 2.00 MF$ 0.50
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50
AD-629 724 17A T 66 08 HC$ 2.60 MF$ 0.50
AD-629 725 1C T 66 08 HC$ 3.00 MF$ 0.75
AD-629 726 11F T 66 08 HC$ 3.00 MF$ 0.50
AD-629 727 11F T 66 08 HC$ 4.00 MF$ 0.75
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75
AD-629 729 9B T 66 08 MF$ 1.50
AD-629 730 6P T 66 08 HC$ 1.00 MF$ 0.50
AD-629 731 11C T 66 08 HC$ 1.10 MF$ 0.50
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50
AD-629 733 11I T 66 08 HC$ 1.00 MF$ 0.50
AD-629 734 20B T 66 08 HC$ 1.00 MF$ 0.50
AD-629 735 13J T 66 08 HC$ 3.60 MF$ 0.50
AD-629 736 15C T 66 08 HC$ 1.60 MF$ 0.50
AD-629 737 6P T 66 08 HC$ 2.00 MF$ 0.50
AD-629 738 6E T 66 08 HC$ 1.60 MF$ 0.50
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50
AD-629 740 7C T 66 08 HC$ 5.60 MF$ 0.75
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50
AD-629 742 7C T 66 08
AD-629 743 9E T 66 08
AD-629 744 7C T 66 08
AD-629 745 20B T 66 08
AD-629 746 7C T 66 08
AD-629 747 7D T 66 08
AD-629 748 7C T 66 08
AD-629 749 20B T 66 08
AD-629 750 7C T 66 08
AD-629 751 7C T 66 08
AD-629 752 14B T 66 08
AEC WT-755
AD-629 545 18D T 66 08 HC$ 8.60 MF$ 0.75
AEDC TDR-64-253,
AD-451 427 13K U 41 08 HC$ 7.60
AEDC TR-65-123
AD-628 380 14B T 66 07 HC$ 2.00 MF$ 0.50
AEDC TR-65-262
AD-628 091 12A T 66 07 HC$ 1.00 MF$ 0.50
AEDC TR-65-72
AD-467 015 11F U 41 07 HC$ 2.00 MF$ 0.50
AEDC TR-66-10
AD-628 628 20D T 66 07 HC$ 6.60 MF$ 0.75
AEDC-TR-65-199
AD-628 053 22B T 66 07 HC$ 4.00 MF$ 0.75
AEDC-TR-65-257
AD-629 526 13K T 66 08 HC$ 4.60 MF$ 0.50
AEDC-TR-66-15
AD-628 775 21E T 66 07 HC$ 9.60 MF$ 0.75
AED-M2059
N66-11671 22D U 41 08 HC$ 3.00 MF$ 0.75
AERDL T-1815-65
AD-628 331 7B T 66 07 HC$ 3.00 MF$ 0.75
AERDL T-1817-66
AD-628 332 20F T 66 07 HC$ 1.00 MF$ 0.50
AEROCHEM TP-124
AD-628 515 11B T 66 07 HC$ 2.60 MF$ 0.50
AEROCHEM-TP-126
AD-628 132 20D T 66 07 HC$ 1.60 MF$ 0.50
AERONOMY-8
AD-628 186 20I T 66 07 HC$ 7.60 MF$ 0.75
AEROPHYSICS RR-60
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75
AEROSPACE/MECHANICAL SCI-752
AD-628 931 21B T 66 08 HC$ 4.60 MF$ 0.50
AERO-1099
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50
AERO-1102
AD-628 831 13J T 66 07 HC$ 1.60 MF$ 0.50
AF TR-6331,
PB-169 144 9D U 41 08 HC$ 1.00 MF$ 0.50
AFAL TR-66-45
AD-629 246 9A T 66 08 HC$ 4.00 MF$ 0.75
AFAPL TR-64-133-PT-4
AD-628 617 20D T 66 07 HC$ 4.00 MF$ 0.75
AFAPL TR-64-133-PT-5
AD-628 630 0D T 66 07 HC$ 4.00 MF$ 1.00
AFCRL ERP-157,
AD-629 113 8G T 66 08
AFCRL ERP-160
AD-629 115 4A T 66 08
AFCRL PSRP-156
AD-628 633 17I T 66 07
AFCRL PSRP-168
AD-628 632 20L T 66 07
AFCRL PSRP-177,
AD-628 904 7D T 66 08
AFCRL PSPP-178
AD-629 715 7D T 66 08
AFCRL PSRP-181
AD-628 631 4A T 66 07
AFCRL SR-33,
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50
AFCRL 62-878
AD-287 161 8K U 41 07 HC$ 3.00
AFCRL 63-628,
AD-417 124 4B U 41 07 HC$ 7.25
AFCRL 64-925
AD-452 952 12A U 41 08 HC$ 2.00
AFCRL 65-136
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50
AFCRL 65-229
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50
AFCRL 65-517
AD-470 339 4A U 41 08 HC$ 5.00 MF$ 1.00
AFCRL 65-648
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50
AFCRL 65-673
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50
AFCRL 65-710-VOL-2
AD-629 123 4A T 66 08 HC$ 6.00 MF$ 1.25
AFCRL 65-710-VOL-3
AD-629 127 4A T 66 08 HC$ 6.00 MF$ 1.50
AFCRL 65-714
AD-629 478 7E T 66 08 HC$ 5.00 MF$ 1.00
AFCRL 65-715
AD-629 479 7E T 66 08 HC$ 6.00 MF$ 1.25
AFCRL 65-756,
AD-628 633 17I T 66 07
AFCRL 65-767
AD-628 215 4A T 66 07 HC$ 3.60 MF$ 0.50
AFCRL 65-789
AD-629 060 12A T 66 08 HC$ 2.00 MF$ 0.50
AFCRL 65-851
AD-629 113 8G T 66 08
AFCRL 65-852,
AD-628 632 20L T 66 07
AFCRL 65-856
AD-629 721 4A T 66 08 HC$ 4.00 MF$ 1.00
AFCRL 65-858
AD-628 186 20I T 66 07 HC$ 7.60 MF$ 0.75
AFCRL 65-860
AD-628 202 5G T 66 07 HC$ 1.00 MF$ 0.50
AFCRL 65-861
AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50
AFCRL 65-862
AD-628 059 7D T 66 07 HC$ 3.00 MF$ 0.75
AFCRL 65-880
AD-628 904 7D T 66 08
AFCRL 65-881
AD-629 115 4A T 66 08
AFCRL 65-882
AD-629 715 7D T 66 08
AFCRL 65-883
AD-628 222 20N T 66 07 HC$12.60 MF$ 1.00
AFCRL 65-884
AD-628 921 9C T 66 08 HC$ 5.60 MF$ 0.50
AFCRL 65-885
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75
AFCRL 65-896
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50
AFCRL 65-898
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75
AFCRL 65-900
AD-628 631 4A T 66 07
AFCRL 65-903
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50
AFCRL 65-905
AD-628 134 20F T 66 07 HC$ 3.00 MF$ 0.75
AFCRL 65-912
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75
AFCRL 65-914
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50
AFCRL 65-918
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75
AFCRL 65-920
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50
AFCRL 66-1
AD-629 064 4A T 66 08 HC$ 2.00 MF$ 0.50
AFCRL 66-10
AD-628 748 4A T 66 07 HC$ 1.60 MF$ 0.50
AFCRL 66-103
AD-629 627 3B T 66 08 HC$ 2.00 MF$ 0.50
AFCRL 66-111
AD-628 813 3B T 66 07 HC$ 2.60 MF$ 0.50
AFCRL 66-112
AD-628 814 3B T 66 07 HC$ 2.60 MF$ 0.50
AFCRL 66-113
AD-628 820 4B T 66 07 HC$17.80 MF$ 1.00
AFCRL 66-12

AD-628 571 7D T 66 07 HC$ 3.60 MF$ 0.50
AFCRL 66-125
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50
AFCRL 66-132
AD-629 061 7D T 66 08 HC$ 3.00 MF$ 0.75
AFCRL 66-14
AD-628 557 3B T 66 07 HC$ 8.60 MF$ 0.75
AFCRL 66-16
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75
AFCRL 66-18
AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50
AFCRL 66-19
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50
AFCRL 66-20
AD-628 793 20L T 66 07 HC$ 2.60 MF$ 0.50
AFCRL 66-23
AD-629 088 8K T 66 08 HC$ 4.00 MF$ 1.00
AFCRL 66-25
AD-629 539 9D T 66 08 HC$ 2.00 MF$ 0.50
AFCRL 66-27
AD-628 695 8G T 66 07 HC$ 5.60 MF$ 0.50
AFCRL 66-28
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75
AFCRL 66-34
AD-628 761 3B T 66 07 HC$26.10 MF$ 1.50
AFCRL 66-35
AD-628 818 7D T 66 07 HC$ 1.60 MF$ 0.50
AFCRL 66-36
AD-628 771 20N T 66 07 HC$ 1.60 MF$ 0.50
AFCRL 66-37
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50
AFCRL 66-38
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50
AFCRL 66-39
AD-628 809 20N T 66 07 HC$ 1.10 MF$ 0.50
AFCRL 66-40
AD-628 816 20N T 66 07 HC$ 1.10 MF$ 0.50
AFCRL 66-44
AD-628 942 20A T 66 08 HC$ 3.60 MF$ 0.50
AFCRL 66-48
AD-628 502 9E T 66 07 HC$ 9.60 MF$ 0.75
AFCRL 66-49
AD-628 508 9E T 66 07 HC$ 7.60 MF$ 0.75
AFCRL 66-56
AD-629 018 20C T 66 08 HC$ 1.00 MF$ 0.50
AFCRL 66-6
AD-628 320 8N T 66 07 HC$ 2.00 MF$ 0.50
AFCRL 66-62
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50
AFCRL 66-67
AD-628 943 9E T 66 08 HC$ 2.00 MF$ 0.50
AFCRL 66-69
AD-628 458 8K T 66 07
AFCRL 66-7
AD-628 497 4A T 66 07 HC$12.60 MF$ 1.00
AFCRL 66-7-SUPPL.
AD-628 498 4A T 66 07 HC$14.80 MF$ 1.00
AFCRL 66-70
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50
AFCRL 66-76
AD-628 797 8E T 66 07 HC$ 2.60 MF$ 0.50
AFCRL 66-77
AD-628 802 22B T 66 07 HC$ 1.10 MF$ 0.50
AFCRL 66-79
AD-629 546 9E T 66 08 HC$ 4.00 MF$ 0.75
AFCRL 66-8
AD-628 334 4A T 66 07 HC$ 8.60 MF$ 0.75
AFCRL 66-9
AD-628 281 4A T 66 07 HC$ 2.60 MF$ 0.50
AFCRL 66-94
AD-628 784 17H T 66 07 HC$ 3.60 MF$ 0.50
AFCRL-AFSG-171
AD-628 903 4B T 66 08
AFCRL-ERP-148
AD-629 120 20I T 66 08
AFCRL-ERP-149
AD-628 799 4A T 66 07
AFCRL-ERP-150
AD-629 118 4B T 66 08
AFCRL-ERP-154
AD-628 875 1A T 66 07 HC$ 3.60 MF$ 0.50
AFCRL-ERP-155
AD-629 081 4A T 66 08 HC$ 4.00 MF$ 0.75
AFCRL-ERP-156
AD-629 116 3A T 66 08
AFCRL-ERP-158
AD-628 800 3A T 66 07
AFCRL-ERP-159
AD-629 117 3C T 66 08
AFCRL-ERP-161
AD-628 801 3C T 66 07
AFCRL-ERP-164
AD-629 121 4A T 66 08
AFCRL-ERP-165
AD-628 798 8G T 66 07
AFCRL-ERP-166
AD-629 119 4A T 66 08
AFCRL-ERP-168
AD-629 114 3B T 66 08
AFCRL-ERP-169
AD-629 588 4B T 66 08
AFCRL-PMSRP-171
AD-628 636 20J T 66 07
AFCRL-PMSRP-175
AD-628 909 9B T 66 08
AFCRL-PMSRP-187
AD-629 712 12A T 66 08
AFCRL-PSRP-163
AD-628 635 9A T 66 07
AFCRL-PSRP-166
AD-628 767 4A T 66 07
AFCRL-PSRP-167
AD-628 913 8G T 66 08
AFCRL-PSRP-169
AD-628 637 20I T 66 07
AFCRL-PSRP-172
AD-629 716 20L T 66 08
AFCRL-PSRP-174
AD-628 910 20I T 66 08
AFCRL-PSRP-176
AD-628 912 20H T 66 08
AFCRL-PSRP-179
AD-628 905 6A T 66 08
AFCRL-PSRP-180
AD-628 634 20L T 66 07
AFCRL-PSRP-182
AD-628 906 20I T 66 08
AFCRL-PSRP-183
AD-629 714 20C T 66 08
AFCRL-PSRP-184
AD-629 710 20F T 66 08
AFCRL-PSRP-189
AD-629 713 20B T 66 08
AFCRL-SP-33
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75
AFCRL-SR-40
AD-628 792 3A T 66 07 HC$ 8.30 MF$ 2.25
AFCRL-65-710-VOL-1
AD-628 874 4A T 66 07 HC$ 7.00 MF$ 1.75
AFCRL-65-751
AD-629 120 20I T 66 08
AFCRL-65-760
AD-629 118 4B T 66 08
AFCRL-65-788
AD-628 799 4A T 66 07
AFCRL-65-827
AD-628 635 9A T 66 07
AFCRL-65-831
AD-628 767 4A T 66 07
AFCRL-65-832
AD-628 875 1A T 66 07 HC$ 3.60 MF$ 0.50
AFCRL-65-839
AD-629 116 3A T 66 08
AFCRL-65-840
AD-629 081 4A T 66 08 HC$ 4.00 MF$ 0.75
AFCRL-65-849
AD-628 913 8G T 66 08
AFCRL-65-850
AD-628 637 20I T 66 07
AFCRL-65-853
AD-628 800 3A T 66 07
AFCRL-65-863
AD-628 636 20J T 66 07
AFCRL-65-864
AD-629 716 20L T 66 08
AFCRL-65-871
AD-629 117 3C T 66 08
AFCRL-65-875-PT-1
AD-628 906 20I T 66 08
AFCRL-65-875-PT-2
AD-628 910 20I T 66 08
AFCRL-65-876
AD-628 909 9B T 66 08
AFCRL-65-878
AD-628 903 4B T 66 08
AFCRL-65-879
AD-628 912 20H T 66 08
AFCRL-65-892
AD-628 801 3C T 66 07
AFCRL-65-893
AD-628 905 6A T 66 08
AFCRL-65-897
AD-628 634 20L T 66 07
AFCRL-65-915
AD-629 121 4A T 66 08
AFCRL-65-916
AD-628 798 8G T 66 07
AFCRL-65-917
AD-629 119 4A T 66 08
AFCRL-66-2
AD-629 710 20F T 66 08
AFCRL-66-4
AD-629 714 20C T 66 08
AFCRL-66-46
AD-629 712 12A T 66 08
AFCRL-66-50
AD-629 114 3B T 66 08
AFCRL-66-52
AD-628 792 3A T 66 07 HC$ 8.30 MF$ 2.25
AFCRL-66-59
AD-629 713 20B T 66 08
AFCRL-66-60
AD-629 588 4B T 66 08
AFFDL TR-65-115
AD-628 862 22A T 66 07 HC$ 7.00 MF$ 1.50
AFFDL TR-65-92-VOL-1
AD-629 581 16D T 66 08 HC$ 4.00 MF$ 1.00
AFFDL-TR-65-181
AD-628 050 13M T 66 07 HC$ 2.00 MF$ 0.50
AFML TR-65-192
AD-629 554 7C T 66 08 HC$ 3.00 MF$ 0.75
AFML TR-65-271
AD-628 919 7D T 66 08 HC$ 2.00 MF$ 0.50
AFML-TR-255
AD-629 103 7D T 66 08 HC$ 1.00 MF$ 0.50
AFML-TR-65-151
AD-628 279 13M T 66 07 HC$ 6.00 MF$ 1.25
AFML-TR-65-334
AD-629 068 11F T 66 08 HC$ 1.00 MF$ 0.50
AFML-TR-65-360
AD-628 382 7D T 66 07 HC$ 1.60 MF$ 0.50
AFOSR J-23

AD-629 373 20K T 66 08
AFOSR J27
AD-629 538 12A T 66 08
AFOSR TN-60-1295
AD-629 109 6P T 66 08
AFOSR TN-60-615
AD-628 267 20H T 66 07
AFOSR u325
AD-628 780 9B T 66 07 HC$16.10 MF$ 1.00
AFOSR 1133
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75
AFOSR 2292
AD-628 236 5K T 66 07 HC$ 6.60 MF$ 0.75
AFOSR 2484
AD-628 736 20K T 66 07
AFOSR 2849
AD-629 205 6P T 66 08
AFOSR 3363
AD-629 110 6S T 66 08
AFOSR 3453
AD-629 111 6S T 66 08
AFOSR 65-0027
AD-628 546 9D T 66 07 HC$ 3.00 MF$ 0.75
AFOSR 65-0304
AD-629 378 7E T 66 08
AFOSR 65-1571
AD-629 561 6P T 66 08
AFOSR 65-1732
AD-628 516 20I T 66 07 HC$ 2.60 MF$ 0.50
AFOSR 65-1875
AD-629 580 20K T 66 08 HC$ 3.60 MF$ 0.50
AFOSR 65-1914
AD-628 187 20I T 66 07 HC$ 3.60 MF$ 0.50
AFOSR 65-1918
AD-629 231 19D T 66 08 HC$ 2.00 MF$ 0.50
AFOSR 65-1920
AD-628 523 7D T 66 07 HC$ 1.60 MF$ 0.50
AFOSR 65-1950
AD-629 072 7D T 66 08
AFOSR 65-2027
AD-628 338 20C T 66 07
AFOSR 65-2030
AD-628 344 20C T 66 07
AFOSR 65-2049
AD-629 243 20D T 66 08
AFOSR 65-2067
AD-629 035 12A T 66 08
AFOSR 65-2071
AD-628 826 7B T 66 07
AFOSR 65-2094
AD-629 339 9E T 66 08
AFOSR 65-2095
AD-629 021 12B T 66 08
AFOSR 65-2097
AD-629 020 20H T 66 08
AFOSR 65-2099
AD-628 269 7D T 66 07
AFOSR 65-2101
AD-629 655 20J T 66 08
AFOSR 65-2102
AD-628 296 12B T 66 07 HC$ 1.60 MF$ 0.50
AFOSR 65-2105
AD-628 437 20L T 66 07
AFOSR 65-2110
AD-629 075 7D T 66 08
AFOSR 65-2112
AD-629 058 20L T 66 08
AFOSR 65-2115
AD-629 031 4A T 66 08
AFOSR 65-2117
AD-629 062 20C T 66 08
AFOSR 65-2119
AD-629 032 12A T 66 08
AFOSR 65-2124
AD-629 024 7D T 66 08
AFOSR 65-2125
AD-629 089 20L T 66 08
AFOSR 65-2127
AD-628 704 12B T 66 07
AFOSR 65-2128
AD-628 700 12B T 66 07
AFOSR 65-2129
AD-628 699 12B T 66 07
AFOSR 65-2130
AD-628 696 12B T 66 07
AFOSR 65-2140
AD-629 041 20J T 66 08
AFOSR 65-2141
AD-629 052 7C T 66 08
AFOSR 65-2142
AD-629 050 7C T 66 08
AFOSR 65-2143
AD-629 049 7C T 66 08
AFOSR 65-2144
AD-629 063 7C T 66 08
AFOSR 65-2145
AD-629 057 9C T 66 08
AFOSR 65-2146
AD-629 051 12A T 66 08
AFOSR 65-2147
AD-629 025 20G T 66 08
AFOSR 65-2148
AD-629 022 7D T 66 08
AFOSR 65-2149
AD-629 023 12A T 66 08
AFOSR 65-2150
AD-629 074 8G T 66 08
AFOSR 65-2151
AD-629 090 20L T 66 08
AFOSR 65-2154
AD-629 036 3B T 66 08
AFOSR 65-2155
AD-629 248 20D T 66 08
AFOSR 65-2156
AD-629 034 5J T 66 08
AFOSR 65-2158
AD-629 029 12A T 66 08
AFOSR 65-2159
AD-629 028 12A T 66 08
AFOSR 65-2163
AD-629 380 7D T 66 08
AFOSR 65-2164
AD-629 382 5J T 66 08
AFOSR 65-2165
AD-629 383 5J T 66 08
AFOSR 65-2167
AD-629 027 7D T 66 08
AFOSR 65-2168
AD-629 040 20K T 66 08
AFOSR 65-2169
AD-629 504 7D T 66 08
AFOSR 65-2172
AD-629 294 6A T 66 08
AFOSR 65-2181
AD-628 397 12A T 66 07
AFOSR 65-2188
AD-628 821 6A T 66 07
AFOSR 65-2201
AD-629 649 12A T 66 08
AFOSR 65-2209
AD-629 238 19D T 66 08 HC$ 2.00 MF$ 0.50
AFOSR 65-2213-PT-1
AD-628 179 20I T 66 07 HC$ 1.10 MF$ 0.50
AFOSR 65-2213-PT-2
AD-628 180 20I T 66 07 HC$ 4.60 MF$ 0.50
AFOSR 65-2213-PT-3
AD-628 181 20I T 66 07 HC$ 2.60 MF$ 0.50
AFOSR 65-2231
AD-628 060 7D T 66 07 HC$ 2.80 MF$ 0.50
AFOSR 65-2237
AD-628 065 20I T 66 07 HC$ 1.00 MF$ 0.50
AFOSR 65-2240
AD-628 144 21B T 66 07 HC$ 1.60 MF$ 0.50
AFOSR 65-2241
AD-629 280 6P T 66 08
AFOSR 65-2243
AD-629 462 6C T 66 08
AFOSR 65-2244
AD-629 461 6C T 66 08
AFOSR 65-2245
AD-629 459 6C T 66 08
AFOSR 65-2247
AD-629 254 5G T 66 08
AFOSR 65-2250
AD-629 262 20I T 66 08
AFOSR 65-2256
AD-629 289 3B T 66 08
AFOSR 65-2265
AD-629 247 20M T 66 08
AFOSR 65-2267
AD-629 337 4A T 66 08
AFOSR 65-2268
AD-629 338 3B T 66 08
AFOSR 65-2269
AD-628 197 3B T 66 07 HC$ 1.60 MF$ 0.50
AFOSR 65-2270
AD-629 290 3B T 66 08
AFOSR 65-2276
AD-628 044 20F T 66 07 HC$ 1.00 MF$ 0.50
AFOSR 65-2289
AD-629 367 5B T 66 08
AFOSR 65-2294
AD-628 142 20D T 66 07
AFOSR 65-2305
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50
AFOSR 65-2310
AD-628 066 7D T 66 07 HC$ 1.00 MF$ 0.50
AFOSR 65-2317
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50
AFOSR 65-2319
AD-472 354 8K U 41 07 HC$ 3.00 MF$ 0.75
AFOSR 65-2321
AD-629 269 12A T 66 08
AFOSR 65-2322
AD-629 272 12A T 66 08
AFOSR 65-2323
AD-629 270 12A T 66 08
AFOSR 65-2326
AD-628 432 12A T 66 07
AFOSR 65-2327
AD-628 719 12B T 66 07
AFOSR 65-2328
AD-629 302 22C T 66 08
AFOSR 65-2330
AD-629 271 12B T 66 08
AFOSR 65-2331
AD-629 261 19G T 66 08
AFOSR 65-2332
AD-629 666 20D T 66 08
AFOSR 65-2334
AD-629 536 20M T 66 08
AFOSR 65-2335
AD-629 152 20D T 66 08
AFOSR 65-2336
AD-629 172 9A T 66 08
AFOSR 65-2341
AD-629 597 12A T 66 08
AFOSR 65-2342
AD-629 568 20K T 66 08
AFOSR 65-2345
AD-629 043 22B T 66 08
AFOSR 65-2346

AD-629 289 22C T 66 08
AFOSR 65-2347
AD-629 267 20L T 66 08
AFOSR 65-2348
AD-629 664 9C T 66 08
AFOSR 65-2351
AD-629 530 12A T 66 08
AFOSR 65-2352
AD-629 528 12A T 66 08
AFOSR 65-2355
AD-629 626 12A T 66 08
AFOSR 65-2356
AD-629 369 9D T 66 08
AFOSR 65-2361
AD-629 698 20B T 66 08
AFOSR 65-2362
AD-629 112 7C T 66 08
AFOSR 65-2363
AD-629 122 7C T 66 08
AFOSR 65-2365
AD-629 652 7D T 66 08
AFOSR 65-2366
AD-629 651 7D T 66 08
AFOSR 65-2367
AD-629 388 7D T 66 08
AFOSR 65-2368
AD-629 253 7D T 66 08
AFOSR 65-2369
AD-629 252 7D T 66 08
AFOSR 65-2372
AD-629 553 7C T 66 08
AFOSR 65-2373
AD-629 551 7B T 66 08
AFOSR 65-2374
AD-629 552 7B T 66 08
AFOSR 65-2375
AD-629 547 7C T 66 08
AFOSR 65-2376
AD-629 282 6A T 66 08
AFOSR 65-2377
AD-629 638 7C T 66 08
AFOSR 65-2378
AD-628 402 7C T 66 07
AFOSR 65-2379
AD-629 640 7C T 66 08
AFOSR 65-2380
AD-629 639 7C T 66 08
AFOSR 65-2383
AD-629 665 7D T 66 08
AFOSR 65-2384
AD-628 410 7D T 66 07
AFOSR 65-2389
AD-628 454 7C T 66 07
AFOSR 65-2396
AD-629 303 7D T 66 08
AFOSR 65-2397
AD-628 283 6A T 66 07
AFOSR 65-2425
AD-628 265 A12B,T 66 07
AFOSR 65-2430
AD-629 691 9C T 66 08
AFOSR 65-2449
AD-628 697 12A T 66 07
AFOSR 65-2451
AD-628 729 20I T 66 07
AFOSR 65-2471
AD-628 452 20D T 66 07
AFOSR 65-2473
AD-629 625 20D T 66 08
AFOSR 65-2474
AD-628 398 20K T 66 07
AFOSR 65-2475
AD-629 301 20D T 66 08
AFOSR 65-2478
AD-628 292 20I T 66 07
AFOSR 65-2480
AD-628 258 20K T 66 07
AFOSR 65-2482
AD-628 738 20K T 66 07
AFOSR 65-2483
AD-628 702 20K T 66 07
AFOSR 65-2486
AD-629 245 7D T 66 08
AFOSR 65-2487
AD-629 260 20I T 66 08
AFOSR 65-2488
AD-629 612 7D T 66 08
AFOSR 65-2489
AD-628 276 11B T 66 07
AFOSR 65-2492
AD-628 715 20K T 66 07
AFOSR 65-2493
AD-628 061 20I T 66 07
AFOSR 65-2498
AD-628 451 13G T 66 07
AFOSR 65-2499
AD-628 282 11B T 66 07
AFOSR 65-2504
AD-628 347 20C T 66 07
AFOSR 65-2506
AD-628 447 7D T 66 07
AFOSR 65-2507
AD-628 448 7D T 66 07
AFOSR 65-2509
AD-629 296 6C T 66 08
AFOSR 65-2510
AD-628 115 6P T 66 07 HC$ 5.60 MF$ 0.50
AFOSR 65-2511
AD-628 740 6P T 66 07
AFOSR 65-2513
AD-629 297 6C T 66 08
AFOSR 65-2517
AD-628 365 6A T 66 07
AFOSR 65-2518
AD-628 366 6A T 66 07
AFOSR 65-2521
AD-629 221 6P T 66 08
AFOSR 65-2524
AD-628 340 6P T 66 07
AFOSR 65-2525
AD-628 743 6C T 66 07
AFOSR 65-2526
AD-629 299 6C T 66 08
AFOSR 65-2527
AD-629 095 6C T 66 08
AFOSR 65-2534
AD-628 434 20C T 66 07
AFOSR 65-2539
AD-628 455 20L T 66 07
AFOSR 65-2542
AD-628 436 20H T 66 07
AFOSR 65-2544
AD-628 363 20L T 66 07
AFOSR 65-2545
AD-628 362 20B T 66 07
AFOSR 65-2547
AD-628 720 7D T 66 07
AFOSR 65-2548
AD-629 069 20L T 66 08
AFOSR 65-2554
AD-628 375 20H T 66 07
AFOSR 65-2555
AD-628 346 20L T 66 07
AFOSR 65-2556
AD-628 404 20L T 66 07
AFOSR 65-2557
AD-628 423 20M T 66 07
AFOSR 65-2558
AD-628 424 20L T 66 07
AFOSR 65-2562
AD-629 236 20H T 66 08
AFOSR 65-2565
AD-629 232 7D T 66 08
AFOSR 65-2566
AD-628 345 20C T 66 07
AFOSR 65-2567
AD-628 189 20C T 66 07
AFOSR 65-2570
AD-629 291 20L T 66 08
AFOSR 65-2571
AD-628 824 20H T 66 07
AFOSR 65-2572
AD-628 742 20L T 66 07
AFOSR 65-2574
AD-629 150 20L T 66 08
AFOSR 65-2575
AD-629 192 20D T 66 08
AFOSR 65-2576
AD-629 668 20B T 66 08
AFOSR 65-2578
AD-629 183 20H T 66 08
AFOSR 65-2580
AD-628 728 20L T 66 07
AFOSR 65-2581
AD-629 293 20L T 66 08
AFOSR 65-2582
AD-629 292 20L T 66 08
AFOSR 65-2585
AD-629 186 20M T 66 08
AFOSR 65-2587
AD-628 259 20C T 66 07
AFOSR 65-2590
AD-629 558 20L T 66 08
AFOSR 65-2591
AD-629 663 7D T 66 08
AFOSR 65-2593
AD-629 151 20L T 66 08
AFOSR 65-2596
AD-629 233 3B T 66 08
AFOSR 65-2597
AD-628 825 20H T 66 07
AFOSR 65-2598
AD-629 687 12A T 66 08
AFOSR 65-2600
AD-629 591 12A T 66 08
AFOSR 65-2601
AD-629 593 12A T 66 08
AFOSR 65-2602
AD-629 256 12A T 66 08
AFOSR 65-2603
AD-628 431 12A T 66 07
AFOSR 65-2604
AD-628 703 12A T 66 07
AFOSR 65-2605
AD-629 567 12A T 66 08
AFOSR 65-2606
AD-629 135 12A T 66 08
AFOSR 65-2607
AD-629 134 12A T 66 08
AFOSR 65-2609
AD-629 143 12A T 66 08
AFOSR 65-2610
AD-629 617 12A T 66 08
AFOSR 65-2611
AD-629 083 12A T 66 08
AFOSR 65-2612
AD-629 618 12A T 66 08
AFOSR 65-2613
AD-629 619 12A T 66 08
AFOSR 65-2614
AD-629 621 12A T 66 08
AFOSR 65-2615

AD-628 392 12A T 66 07
AFOSR 65-2616
AD-628 393 12A T 66 07
AFOSR 65-2618
AD-629 602 12A T 66 08
AFOSR 65-2619
AD-629 600 12A T 66 08
AFOSR 65-2620
AD-628 425 12A T 66 07
AFOSR 65-2621
AD-628 412 12A T 66 07
AFOSR 65-2622
AD-628 411 12A T 66 07
AFOSR 65-2624
AD-628 438 12A T 66 07
AFOSR 65-2625
AD-628 439 12A T 66 07
AFOSR 65-2627
AD-628 524 12A T 66 07
AFOSR 65-2629
AD-629 595 12A T 66 08
AFOSR 65-2637
AD-629 604 12A T 66 08
AFOSR 65-2641
AD-629 611 12A T 66 08
AFOSR 65-2653
AD-629 239 19D T 66 08 HC$ 1.00 MF$ 0.50
AFOSR 65-2654
AD-628 237 6C T 66 07 HC$ 1.10 MF$ 0.50
AFOSR 65-2655
AD-628 246 6P T 66 07 HC$ 1.60 MF$ 0.50
AFOSR 65-2659
AD-629 566 5J T 66 08
AFOSR 65-2660
AD-629 146 5J T 66 08
AFOSR 65-2661
AD-629 147 5J T 66 08
AFOSR 65-2662
AD-629 144 5J T 66 08
AFOSR 65-2665
AD-629 234 5K T 66 08
AFOSR 65-2666
AD-628 141 6D T 66 07 HC$ 1.00 MF$ 0.50
AFOSR 65-2669
AD-629 697 5J T 66 08
AFOSR 65-2670
AD-629 235 5K T 66 08
AFOSR 65-2671
AD-629 203 6P T 66 08
AFOSR 65-2672
AD-629 216 6P T 66 08
AFOSR 65-2673
AD-629 216 6D T 66 08
AFOSR 65-2674
AD-629 265 5J T 66 08
AFOSR 65-2675
AD-628 216 20K T 66 07 HC$ 1.60 MF$ 0.50
AFOSR 65-2676
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75
AFOSR 65-2678
AD-628 717 5J T 66 07
AFOSR 65-2679
AD-629 300 5J T 66 08
AFOSR 65-2680
AD-629 563 6D T 66 08
AFOSR 65-2681
AD-628 254 6E T 66 07
AFOSR 65-2682
AD-629 171 6P T 66 08
AFOSR 65-2683
AD-629 202 6P T 66 08
AFOSR 65-2684
AD-628 827 9B T 66 07
AFOSR 65-2685
AD-629 371 9B T 66 08
AFOSR 65-2694
AD-628 739 20J T 66 07
AFOSR 65-2695
AD-628 698 20H T 66 07
AFOSR 65-2698
AD-628 522 12A T 66 07
AFOSR 65-2702
AD-628 085 11F T 66 07 HC$ 1.00 MF$ 0.50
AFOSR 65-2713
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50
AFOSR 65-2715
AD-628 182 20D T 66 07 HC$ 3.60 MF$ 0.50
AFOSR 65-2720
AD-628 183 5B T 66 07 HC$ 6.00 MF$ 1.25
AFOSR 65-2723
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50
AFOSR 65-2724
AD-628 083 20D T 66 07 HC$ 4.00 MF$ 0.75
AFOSR 65-2734
AD-628 445 20L T 66 07
AFOSR 65-2735
AD-629 085 12A T 66 08
AFOSR 65-2736
AD-629 212 20D T 66 08 HC$ 2.60 MF$ 0.50
AFOSR 65-2737
AD-629 019 11F T 66 08
AFOSR 65-2739
AD-628 350 12A T 66 07
AFOSR 65-2740
AD-628 247 22B T 66 07 HC$ 3.60 MF$ 0.50
AFOSR 65-2743
AD-629 560 6P T 66 08
AFOSR 65-2744
AD-629 279 6P T 66 08
AFOSR 65-2745
AD-629 053 6D T 66 08
AFOSR 65-2746
AD-629 054 6D T 66 08
AFOSR 65-2751
AD-628 727 6C T 66 07
AFOSR 65-2753
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50
AFOSR 65-2754
AD-628 414 20J T 66 07
AFOSR 65-2773
AD-629 376 3B T 66 08
AFOSR 65-2774
AD-629 266 20L T 66 08
AFOSR 65-2775
AD-629 541 20J T 66 08
AFOSR 65-2776
AD-629 540 20J T 66 08
AFOSR 65-2779
AD-629 531 7D T 66 08
AFOSR 65-2780
AD-629 616 20J T 66 08
AFOSR 65-2784
AD-629 244 20H T 66 08
AFOSR 65-2786
AD-629 283 20H T 66 08
AFOSR 65-2788
AD-629 686 9E T 66 08
AFOSR 65-2791
AD-628 409 20J T 66 07
AFOSR 65-2792
AD-628 288 20H T 66 07
AFOSR 65-2795
AD-629 158 20E T 66 08
AFOSR 65-2799
AD-628 343 20J T 56 07
AFOSR 65-2801
AD-628 293 20J T 66 07
AFOSR 65-2802
AD-628 828 3B T 66 07
AFOSR 65-2803
AD-628 261 7D T 66 07
AFOSR 65-2804
AD-628 349 7D T 66 07
AFOSR 65-2805
AD-629 615 20L T 66 08
AFOSR 65-2806
AD-628 456 4B T 66 07
AFOSR 65-2807
AD-628 457 4B T 66 07
AFOSR 65-2808
AD-629 159 20E T 66 08
AFOSR 65-2809
AD-629 160 7E T 66 08
AFOSR 65-2810
AD-629 161 20E T 66 08
AFOSR 65-2812
AD-629 335 3B T 66 08
AFOSR 65-2813
AD-628 272 4A T 66 07
AFOSR 65-2816
AD-628 400 20C T 66 07
AFOSR 65-2819
AD-629 065 7E T 66 08
AFOSR 65-2820
AD-629 240 20C T 66 08
AFOSR 65-2824
AD-628 229 7D T 66 07
AFOSR 65-2825
AD-628 745 20F T 66 07
AFOSR 65-2826
AD-629 086 7E T 66 08
AFOSR 65-2827
AD-628 525 20D T 66 07
AFOSR 65-2828
AD-628 426 7D T 66 07
AFOSR 65-2830
AD-628 368 6P T 66 07
AFOSR 65-2832
AD-629 093 6P T 66 08
AFOSR 65-2835
AD-628 433 6P T 66 07
AFOSR 65-2836
AD-628 435 6P T 66 07
AFOSR 65-2838
AD-628 403 6P T 66 07
AFOSR 65-2839
AD-628 358 6P T 66 07
AFOSR 65-2841
AD-628 370 6C T 66 07
AFOSR 65-2842
AD-629 211 6P T 66 08
AFOSR 65-2843
AD-629 210 6P T 66 08
AFOSR 65-2845
AD-629 559 6P T 66 08
AFOSR 65-2847
AD-629 204 6P T 66 08
AFOSR 65-2848
AD-629 207 6P T 66 08
AFOSR 65-2850
AD-629 206 6P T 66 08
AFOSR 65-2851
AD-629 177 6E T 66 08
AFOSR 65-2852
AD-629 092 6P T 66 08
AFOSR 65-2853
AD-629 599 6P T 66 08
AFOSR 65-2854
AD-628 741 6P T 66 07
AFOSR 65-2856
AD-629 259 6A T 66 08
AFOSR 65-2857

AD-629 258
AFOSR 65-2858 6A T 66 08
AD-629 288
AFOSR 65-2861 6A T 66 08
AD-628 744
AFOSR 65-2862 7E T 66 07
AD-628 838
AFOSR 65-2863 7D T 66 07
AD-628 413
AFOSR 65-2865 7D T 66 07
AD-628 252
AFOSR 65-2866 20H T 66 07
AD-629 880
AFOSR 65-2867 20C T 66 08
AD-629 613
AFOSR 65-2868 7D T 66 08
AD-629 334
AFOSR 65-2869 3C T 66 08
AD-629 305
AFOSR 65-2870 20H T 66 08
AD-628 341
AFOSR 65-2873 20H T 66 07
AD-628 705
AFOSR 65-2875 20E T 66 07
AD-629 333
AFOSR 65-2876 7D T 66 08
AD-629 336
AFOSR 65-2877 4A T 66 08
AD-628 373
AFOSR 65-2878 20H T 66 07
AD-628 273
AFOSR 65-2879 20I T 66 07
AD-628 348
AFOSR 65-2880 7D T 66 07
AD-628 427
AFOSR 65-2881 7D T 66 07
AD-628 374
AFOSR 65-2882 20H T 66 07
AD-628 406
AFOSR 65-2891 7D T 66 07
AD-629 532
AFOSR 65-2899 8K T 66 08
AD-628 829
AFOSR 65-2905 8K T 66 07
AD-629 073
AFOSR 65-2910 8K T 66 08
AD-628 275
AFOSR 65-2931 8K T 66 07
AD-629 149
AFOSR 65-2932 7D T 66 08
AD-629 187
AFOSR 65-2936 20L T 66 08
AD-628 822
AFOSR 65-2939 20L T 66 07
AD-628 068 8K T 66 07 HC$ 1.00 MF$ 0.50
AFOSR 65-2943 20D T 66 07 HC$ 1.60 MF$ 0.50
AD-628 132
AFOSR 65-2945 8A T 66 07
AD-628 408
AFOSR 65-2946 6C T 66 07
AD-628 376
AFOSR 65-2947 6P T 66 07
AD-628 379
AFOSR 65-2948 6P T 66 07
AD-628 378
AFOSR 65-2949 6P T 66 07
AD-628 389
AFOSR 65-2950 12A T 66 08
AD-629 529
AFOSR 65-2951 7D T 66 08
AD-629 237
AFOSR 65-2952 3B T 66 08
AD-629 366
AFOSR 65-2953 20H T 66 07
AD-628 339
AFOSR 65-2954 7D T 66 07
AD-628 407
AFOSR 65-2955 7D T 66 07
AD-628 395
AFOSR 65-2957 12A T 66 07
AD-628 521
AFOSR 65-2958 20H T 66 07
AD-628 342
AFOSR 65-2959 6A T 66 07
AD-628 270
AFOSR 65-2962 6P T 66 07
AD-628 354
AFOSR 65-2963 6P T 66 07
AD-628 352
AFOSR 65-2964 6P T 66 07
AD-628 372
AFOSR 65-2969 20E T 66 07
AD-628 253
AFOSR 65-2971 6A T 66 07
AD-628 390
AFOSR 65-2973 6M T 66 07
AD-628 391
AFOSR 66-0001 20D T 66 07 HC$ 2.60 MF$ 0.50
AD-628 811
AFOSR 66-0005 20K T 66 08 HC$ 3.60 MF$ 0.50
AD-629 579
AFOSR 66-0007 11F T 66 07 HC$ 1.00 MF$ 0.50
AD-628 794
AFOSR 66-0024 7C T 66 08
AD-629 641
AFOSR 66-0045 7D T 66 08
AD-629 614
AFOSR 66-0058 7C T 66 08
AD-629 681
AFOSR 66-0063 7C T 66 08
AD-629 295
AFOSR 66-0083 20C T 66 08
AD-629 182
AFOSR 66-0085 20K T 66 08 HC$ 5.60 MF$ 0.50
AD-628 925
AFOSR 66-0127 11F T 66 08 HC$ 5.80 MF$ 0.75
AD-629 500
AFOSR 66-0129 20M T 66 07 HC$ 5.60 MF$ 0.75
AD-628 547
AFOSR 66-0146 11B T 66 07 HC$ 2.60 MF$ 0.50
AD-628 515
AFOSR 66-0152 20B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 520
AFOSR 66-0153 7E T 66 07 HC$ 1.10 MF$ 0.50
AD-628 328
AFOSR 66-0166 7D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 082
AFOSR 66-0167 7D T 66 07 HC$ 1.10 MF$ 0.50
AD-628 138
AFOSR 66-0169 20I T 66 07 HC$ 1.10 MF$ 0.50
AD-628 143
AFOSR 66-0171 5B T 66 07 HC$ 3.00 MF$ 0.50
AD-628 191
AFOSR 66-0173 20D T 66 08 HC$ 2.60 MF$ 0.50
AD-629 577
AFOSR 66-0175 7C T 66 07 HC$ 1.10 MF$ 0.50
AD-628 137
AFOSR 66-0176 6P T 66 07 HC$ 3.00 MF$ 0.50
AD-628 081
AFOSR 66-0178 6M T 66 07 HC$ 1.60 MF$ 0.50
AD-628 325
AFOSR 66-0179 6C T 66 07 HC$ 5.60 MF$ 0.50
AD-628 322
AFOSR 66-0181 9B T 66 07 HC$ 3.60 MF$ 0.50
AD-628 319
AFOSR 66-0185 7C T 66 07 HC$ 1.60 MF$ 0.50
AD-628 297
AFOSR 66-0191 5A T 66 07 HC$ 1.60 MF$ 0.50
AD-628 527
AFOSR 66-0222 20B T 66 08
AD-629 701
AFOSR 66-0223 20L T 66 08
AD-629 195
AFOSR 66-0224 9A T 66 08
AD-629 189
AFOSR 66-0225 20I T 66 07 HC$ 3.00 MF$ 0.50
AD-628 528
AFOSR 66-0226 10A T 66 07 HC$ 3.00 MF$ 0.50
AD-628 529
AFOSR 66-0227 20C T 66 08
AD-629 190
AFOSR 66-0228 20C T 66 08
AD-629 185
AFOSR 66-0229 20H T 66 08
AD-629 676
AFOSR 66-0230 20L T 66 08
AD-629 657
AFOSR 66-0231 14B T 66 08
AD-629 193
AFOSR 66-0232 11B T 66 08
AD-629 699
AFOSR 66-0233 20L T 66 08
AD-629 654
AFOSR 66-0234 7D T 66 08
AD-629 656
AFOSR 66-0236 20C T 66 08
AD-629 194
AFOSR 66-0237 20L T 66 08
AD-629 659
AFOSR 66-0238 20F T 66 08
AD-629 030
AFOSR 66-0239 20L T 66 08
AD-629 661
AFOSR 66-0240 20L T 66 08
AD-629 658
AFOSR 66-0241 20L T 66 08
AD-629 668
AFOSR 66-0268 20C T 66 08
AD-629 191
AFOSR 66-0270 20L T 66 08
AD-629 184
AFOSR 66-0271 20L T 66 08
AD-629 298
AFOSR 66-0272 20L T 66 08
AD-629 173
AFOSR 66-0274 12A T 66 08
AD-629 176
AFOSR 66-0275 20L T 66 08
AD-629 174
AFOSR 66-0276 20A T 66 08
AD-629 175
AFOSR 66-0277 20L T 66 08
AD-629 188
AFOSR 66-0279 7D T 66 08
AD-629 255
AFOSR 66-0285 20I T 66 08 HC$ 9.60 MF$ 0.75
AD-628 890
AFOSR 66-0286 12A T 66 07 HC$ 1.10 MF$ 0.50
AD-628 582
AFOSR 66-0294 9D T 66 07 HC$20.80 MF$ 1.25
AD-628 711
AFOSR 66-0302 7D T 66 08
AD-629 249
AFOSR 66-0303 7D T 66 08
AD-629 208
AFOSR 66-0305 7C T 66 08
AD-629 549
AFOSR 66-0308 9D T 66 07 HC$ 5.60 MF$ 0.50
AD-628 808
AFOSR 66-0309 9E T 66 07 HC$ 6.60 MF$ 0.75
AD-628 807
AFOSR 66-0316

AD-629 281
11I T 66 08

AFOSR 66-0317
AD-629 683
7C T 66 08

AFOSR 66-0318
AD-629 711
7C T 66 08

AFOSR 66-0326
AD-628 989
19D T 66 08 HC$ 1.00 MF$ 0.50

AFOSR 66-0340
AD-629 250
7D T 66 08

AFOSR 66-0341
AD-629 251
7D T 66 08

AFOSR 66-0362
AD-628 922
20J T 66 08 HC$ 1.10 MF$ 0.50

AFOSR 66-0363
AD-628 918
20I T 66 08 HC$ 3.00 MF$ 0.50

AFOSR 66-0364
AD-628 899
6P T 66 08 HC$ 3.00 MF$ 0.50

AFOSR 66-0365
AD-628 924
20I T 66 08 HC$ 1.10 MF$ 0.50

AFOSR 66-0383
AD-629 682
3B T 66 08

AFOSR 66-0393
AD-629 690
20D T 66 08

AFOSR 66-0399
AD-629 468
9E T 66 08

AFOSR 66-0401
AD-629 533
20D T 66 08

AFOSR 66-0405
AD-628 917
20I T 66 08 HC$ 2.60 MF$ 0.50

AFOSR 66-0406
AD-628 915
19D T 66 08 HC$ 1.10 MF$ 0.50

AFOSR 66-0407
AD-628 911
20I T 66 08 HC$ 1.00 MF$ 0.50

AFOSR 66-0408
AD-628 930
20I T 66 08 HC$ 1.60 MF$ 0.50

AFOSR 66-0409
AD-628 931
21B T 66 08 HC$ 4.60 MF$ 0.50

AFOSR 66-0410
AD-628 923
7B T 66 08 HC$ 1.10 MF$ 0.50

AFOSR 66-0411
AD-628 889
7D T 66 08 HC$ 2.00 MF$ 0.50

AFOSR 66-0412
AD-629 312
20D T 66 08 HC$ 3.00 MF$ 0.75

AFOSR 66-0494
AD-628 933
8K T 66 08 HC$ 4.00 MF$ 0.75

AFOSR 66-0495
AD-629 168
21C T 66 08 HC$ 5.00 MF$ 1.00

AFOSR 66-0578
AD-629 585
21I T 66 08 HC$ 3.60 MF$ 0.50

AFOSR 66-0810
AD-628 298
6P T 66 07 HC$ 1.60 MF$ 0.50

AFOSR 66-2157
AD-629 033
20L T 66 08

AFOSR-65-2691
AD-628 747
5A T 66 07 HC$ 4.00 MF$ 0.75

AFSOR 65-2166
AD-629 026
21H T 66 08

AFWL TR-65-1
AD-628 506
10B T 66 07 HC$30.70 MF$ 1.50

AFWL TR-65-121-VOL-1
AD-628 865
11F T 66 07 HC$ 2.00 MF$ 0.50

AFWL TR-65-121-VOL-2
AD-628 977
11F T 66 08 HC$11.60 MF$ 0.75

AFWL TR-65-146
AD-628 803
8M T 66 07 HC$ 5.00 MF$ 1.00

AFWL TR-65-156
AD-628 860
8G T 66 07 HC$ 3.00 MF$ 0.75

AFWL TR-65-165
AD-628 863
9B T 66 07 HC$ 5.00 MF$ 1.25

AFWL TR-65-43
AD-628 806
13M T 66 07 HC$ 5.00 MF$ 1.25

AFWL TR-65-71
AD-628 064
11G T 66 07 HC$ 1.00 MF$ 0.50

AFWL-TR-65-220
AD-628 295
20E T 66 07 HC$ 2.00 MF$ 0.50

AFWL-TR-65-224
AD-629 607
18F T 66 08 HC$ 6.00 MF$ 1.25

AGC-2800
N65-17272
18N U 41 07 HC$ 3.00 MF$ 0.75

AGC-2800 V4
N65-17273
18N U 41 07 HC$ 2.00 MF$ 0.50

AGC-2800 V2
N65-17271
18N U 41 07 HC$ 4.00 MF$ 0.75

AIL-3453-1
AD-629 601
17I T 66 08 HC$ 3.00 MF$ 0.75

AI-65-120
AD-628 187
20I T 66 07 HC$ 3.60 MF$ 0.50

AJA-6524
AD-628 765
20K T 66 07 HC$ 4.00 MF$ 1.00

ALO-1
AL66L011
5A U 41 08 HC$ 3.00 MF$ 0.75

AD-628 052
13I T 66 07 HC$ 3.00 MF$ 0.50

AMD-CR-01-1-66
AD-628 763
6E T 66 07 HC$ 3.00 MF$ 0.75

AML-164
AL-628 760
12A T 66 07 HC$ 5.00 MF$ 1.00

AMRA CR-64-03/2
AD-628 387
11F T 66 07 HC$ 4.60 MF$ 0.50

AMRA CR-65-02/1-PT-1
AL-629 726
11F T 66 08 HC$ 3.00 MF$ 0.50

AMRA CR-65-02/1-PT-2
AD-629 727
11F T 66 08 HC$ 4.00 MF$ 0.75

AMRA TR-65-29
AD-629 708
13H T 66 08 HC$ 1.00 MF$ 0.50

AMRA TR-65-32
AD-628 491
20K T 66 07 HC$ 2.00 MF$ 0.50

AMRL TR-65-114
AD-628 684
9D T 66 07 HC$ 3.60 MF$ 0.50

AMRL TR-65-116-VOL-2
AD-628 693
17B T 66 07 HC$14.60 MF$ 1.00

AMRL TR-65-151
AD-628 045
6A T 66 07 HC$ 3.00 MF$ 0.75

AMRL TR-65-172
AD-628 055
17A T 66 07 HC$ 4.00 MF$ 0.75

AMRL TR-65-175
AD-628 588
17H T 66 07 HC$ 3.00 MF$ 0.75

AMRL TR-65-178
AD-628 593
6D T 66 07 HC$ 4.60 MF$ 0.50

AMRL TR-65-180
AD-629 594
5J T 66 08 HC$ 2.00 MF$ 0.50

AMRL TR-65-193
AD-628 873
6D T 66 07 HC$ 6.00 MF$ 1.25

AMRL TR-65-201
AD-629 548
6G T 66 08 HC$ 2.00 MF$ 0.50

AMRL TR-65-203
AD-628 944
5I T 66 08 HC$ 1.60 MF$ 0.50

AMRL TR-65-230
AD-629 622
6K T 66 08 HC$ 7.00 MF$ 1.50

AMRL TR-65-54
AD-628 945
6S T 66 08

AMRL-TR-65-105
AD-628 567
6S T 66 07

AMRL-TR-65-152
AD-628 596
22A T 66 07 HC$ 1.60 MF$ 0.50

AMRL-TR-65-165
AD-628 198
5J T 66 07 HC$ 1.60 MF$ 0.50

AMRL-TR-65-4
AD-628 367
6Q T 66 07 HC$ 1.60 MF$ 0.50

AMRL-TR-65-77
AD-628 674
6S T 66 07

AMRL-TR-65-82
AD-628 048
6T T 66 07 HC$ 1.00 MF$ 0.50

AMRL-TR-65-84
AD-628 175
6J T 66 07

AMRL-TR-65-93
AD-628 566
6K T 66 07

AMS-766
AD-629 585
21I T 66 08 HC$ 3.60 MF$ 0.50

AM-66-1
AD-629 000
12B T 66 08 HC$ 6.60 MF$ 0.75

ANL-6865
18I U 41 08 HC$ 3.00 MF$ 0.75

ANL-6954
20I U 41 08 HC$ 3.00 MF$ 0.75

ANL-6974
18J U 41 08 HC$ 2.00 MF$ 0.50

ANL-7023
9B U 41 08 HC$ 4.00 MF$ 0.75

ANL-7032
20M U 41 08 HC$ 3.00 MF$ 0.75

ANL-7041
20M U 41 08 HC$ 5.00 MF$ 1.00

ANL-7048
7B U 41 08 HC$ 2.00 MF$ 0.50

ANL-7053
18I U 41 08 HC$ 4.00 MF$ 0.75

ANL-7063
20L U 41 08 HC$ 3.00 MF$ 0.75

ANL-7064
7B U 41 07 HC$ 1.00 MF$ 0.50

ANL-7065
20J U 41 08 HC$ 1.00 MF$ 0.50

ANL-7076
20H U 41 08 HC$ 3.00 MF$ 0.75

ANL-7086
7A U 41 08 HC$ 2.00 MF$ 0.50

ANL-7089
20K U 41 08 HC$ 2.00 MF$ 0.50

ANL-7092
21F U 41 08 HC$ 3.00 MF$ 0.75

ANL-7105
18I U 41 08 HC$ 3.00 MF$ 0.75

ANL-7106
18H U 41 07 HC$ 2.00 MF$ 0.50

ANL-7115
18I U 41 08 HC$ 3.00 MF$ 0.75

ANL-7117
18I U 41 08 HC$ 3.00 MF$ 0.75

APEX-700
18J U 41 08 HC$ 3.00 MF$ 1.00

APGC-TR-65-39
AD-466 126
5I U 41 07 HC$ 2.00 MF$ 0.50

ARA-F-274-8
N66-10671
21H U 41 08 HC$ 3.00 MF$ 0.75

ARL TR-66-5
AD-629 079
6C T 66 08 HC$ 2.00

ARL 64-22
AD-432 200
20J U 41 08 HC$ 3.00

ARL 65-227
AD-628 888
12A T 66 08 HC$ 4.60 MF$ 0.50

ARL 65-231
AD-628 268
20I T 66 07 HC$ 9.60 MF$ 0.75

ARL 65-232
AD-628 613
20I T 66 07 HC$ 9.60 MF$ 0.75

ARL 65-233
AD-629 499
20D T 66 08

ARL 65-234
AD-628 543
20D T 66 07 HC$ 6.60 MF$ 0.75

ARL 65-235
AD-629 565
20B T 66 08 HC$ 2.00 MF$ 0.50

ARL 65-242
AD-628 570
14B T 66 07 HC$ 4.60 MF$ 0.50

ARL 65-243
AD-628 694
20D T 66 07 HC$ 2.00 MF$ 0.50

ARL 65-244
AD-628 287
20D T 66 07 HC$ 3.60 MF$ 0.50

ARL 65-245
AD-628 549
20D T 66 07 HC$ 4.60 MF$ 0.50

ARL 65-246
AD-628 795
20I T 66 07 HC$ 2.00 MF$ 0.50

ARL 65-253
AD-629 094
20D T 66 08 HC$ 6.60 MF$ 0.75

ARL 65-276
AD-629 496
20I T 66 08 HC$ 2.60 MF$ 0.50

ARL 66-0019
AD-628 327
20I T 66 07 HC$ 1.00 MF$ 0.50

ARL 66-0020
AD-628 321
20L T 66 07 HC$ 3.00 MF$ 0.75

ARL 66-0021
AD-628 315
20J T 66 07 HC$ 4.60 MF$ 0.50

ARL 66-0022
AD-628 316
20J T 66 07 HC$ 2.60 MF$ 0.50

ARL 66-0032
AD-629 097
20J T 66 08 HC$ 6.60 MF$ 0.75

ARL 66-0033-VOL-2
AD-628 885
20J T 66 08 HC$14.70 MF$ 1.00

ARL 66-0034
AD-629 091
20J T 66 08 HC$ 1.60 MF$ 0.50

ARL 66-0035
AD-628 835
7D T 66 07 HC$ 1.10 MF$ 0.50

ARL 66-0036
AD-629 201
20H T 66 08 HC$ 1.00 MF$ 0.50

ARL-ONs#		
APL 66-0037		
AD-628 834	20J T 66 07	HC$ 3.00 MF$ 0.75
ARL-TR-66-1		
AD-629 076	8D T 66 08	HC$ 2.60 MF$ 0.50
ARL-TR-66-3		
AD-629 077	13L T 66 08	HC$ 2.60 MF$ 0.50
ARL-TR-66-4		
AD-629 078	6P T 66 08	HC$ 2.00 MF$ 0.50
ARL-TR-66-6		
AD-629 198	6S T 66 08	HC$ 1.00 MF$ 0.50
ARL-65-190		
AD-629 437	3B T 66 08	
ARL-65-200		
AD-629 486	12A T 66 08	
ARL-65-206		
AD-629 489	7E T 66 08	
ARL-65-220		
AD-629 487	12B T 66 08	
ARL-65-226		
AD-628 614	14B T 66 07	HC$ 6.60 MF$ 0.75
ARL-65-228		
AD-629 486	7C T 66 08	
ARL-65-237		
AD-628 683	20D T 66 07	HC$ 3.00 MF$ 0.75
APL-65-240		
AD-629 492	7C T 66 08	
ARL-65-241		
AD-629 485	7C T 66 08	
ARL-65-247		
AD-629 490	11B T 66 08	
ARL-65-269		
AD-629 493	20L T 66 08	
AROD 1287:11		
AD-629 448	7C T 66 08	
AROD 1287:12		
AD-629 450	7C T 66 08	
AROD 1287:13		
AD-629 470	7C T 66 08	
AROD 1617:55		
AD-628 094	12A T 66 07	
AROD 1617:56		
AD-628 103	12A T 66 07	
AROD 1617:58		
AD-628 104	12A T 66 07	
AROD 1733:21		
AD-629 464	7D T 66 08	
AROD 1733:23		
AD-629 465	7D T 66 08	
AROD 247:67		
AD-628 714	12A T 66 07	
AROD 247:68		
AD-628 511	20D T 66 07	
AROD 2533:2		
AD-628 659	7C T 66 07	
AROD 2771:11		
AD-629 096	9B T 66 08	HC$ 3.00 MF$ 0.75
AROD 2776:13		
AD-628 655	12A T 66 07	
AROD 2776:19		
AD-628 654	12A T 66 07	
AROD 3076:8		
AD-628 090	12A T 66 07	
AROD 3199:2		
AD-628 386	20D T 66 07	HC$17.50 MF$ 1.00
AROD 3263:13		
AD-628 716	20K T 66 07	
AROD 3342:7		
AD-629 477	7C T 66 08	
AROD 3447:10		
AD-628 722	7D T 66 07	
AROD 349:20		
AD-629 393	7D T 66 08	
AROD 3581:12		
AD-629 497	7C T 66 08	
AROD 3861:3		
AD-628 086	7E T 66 07	
AROD 3999:2		
AD-629 403	17B T 66 08	
AROD 3999:4		
AD-629 399	12A T 66 08	
AROD 4054:9		
AD-629 702	20L T 66 08	
AROD 4150:2		
AD-629 467	7D T 66 08	
AROD 4177:2		
AD-628 368	12A T 66 07	HC$ 1.60 MF$ 0.50
AROD 4231:6		
AD-629 445	20E T 66 08	
AROD 4236:1		
AD-628 665	12A T 66 07	
AROD 4238:3		
AD-628 663	12A T 66 07	
AROD 4251:8		
AD-628 660	7D T 66 07	
AROD 4266:1		
AD-628 718	11K T 66 07	
AROD 4282:1		
AD-629 420	20M T 66 08	
AROD 4367:3		
AD-628 623	20K T 66 07	
AROD 4374:2		
AD-629 460	20C T 66 08	
AROD 4374:3		
AD-629 463	20C T 66 08	
AROD 4374:6		
AD-629 458	20C T 66 08	
AROD 4375:7		
AD-629 394	7C T 66 08	
AROD 4388:1		
AD-629 498	7D T 66 08	
AROD 4403:4		
AD-629 396	7D T 66 08	
AROD 4461:5		
AD-628 453	20L T 66 07	HC$ 1.10 MF$ 0.50
AROD 4550:1		
AD-628 653	20K T 66 07	
AROD 4617:1		
AD-628 622	7C T 66 07	
AROD 4685:3		
AD-628 657	20F T 66 07	
AROD 4837:1		
AD-628 087	1C T 66 07	HC$ 2.00 MF$ 0.50
AROD 4936:1		
AD-628 088	12A T 66 07	
AROD 4965:10		
AD-629 457	20E T 66 08	
AROD 5010:5		
AD-628 646	11F T 66 07	
AROD 5010:6		
AD-629 395	11F T 66 08	
AROD 5084:5		
AD-629 397	7D T 66 08	
AROD 5103:3		
AD-628 648	11F T 66 07	
AROD 5103:5		
AD-628 649	11F T 66 07	
AROD 5105:2		
AD-629 408	9D T 66 08	
AROD 5105:3		
AD-629 409	9D T 66 08	
AROD 5132:1		
AD-628 721	12A T 66 07	
AROD 5133:3		
AD-629 398	20J T 66 08	
AROD 5145:3		
AD-629 446	12A T 66 08	
AROD 5200:2		
AD-628 652	7C T 66 07	
AROD 5254:1		
AD-628 621	12A T 66 07	
AROD 5254:6		
AD-628 620	12A T 66 07	
AROD 5314:2		
AD-628 724	7E T 66 07	
AROD 5329:1		
AD-629 417	20I T 66 08	
AROD 893:105		
AD-629 703	20H T 66 08	
AROD 893:106		
AD-628 650	20H T 66 07	
AROSR 66-0404		
AD-628 920	21B T 66 08	HC$ 3.60 MF$ 0.50
ARPA VUF-1014		
AD-629 407	18C T 66 08	HC$ 3.00 MF$ 0.50
ARPA VUF-1021		
AD-629 357	18C T 66 08	HC$ 3.00 MF$ 0.75
AR-1065		
AD-628 751	6E T 66 07	HC$ 2.00 MF$ 0.50
AR-65-1		
AD-628 087	1C T 66 07	HC$ 2.00 MF$ 0.50
ASD TDR-63-787,		
AD-425 715	18N U 41 07	HC$ 1.00
ASD TR-64-91-PT-2-VOL-10		
AD-459 663	16D U 41 08	HC$22.00
ASD TR-64-91-PT-2-VOL-9		
AD-459 593	16D U 41 08	HC$25.80
ASE-1125		
AD-629 721	4A T 66 08	HC$ 4.00 MF$ 1.00
ATD-65-103		
AD-629 476	10B T 66 08	HC$ 2.00 MF$ 0.50
ATD-65-117		
AD-628 553	6M T 66 07	HC$ 4.60 MF$ 0.50
ATD-66-1		
AD-629 515	7C T 66 08	HC$ 2.00 MF$ 0.50
ATD-66-13		
AD-628 848	6F T 66 07	HC$ 3.00 MF$ 0.75
ATD-66-2		
AD-628 166	21I T 66 07	HC$ 4.00 MF$ 1.00
ATD-66-4		
AD-628 294	6F T 66 07	HC$ 3.00 MF$ 0.75
ATI 144 265		
P8-169 144	9D U 41 08	HC$ 1.00 MF$ 0.50
ATI 166 783		
P8-169 187	13D U 41 08	HC$ 3.00 MF$ 0.50
ATL-A-143	11F U 41 07	HC$ 1.00 MF$ 0.50
ATL-A-144	11F U 41 07	HC$ 4.00 MF$ 1.00
ATOLL RESEARCH BULL-113		
AD-628 150	8G T 66 07	HC$ 6.80 MF$ 1.25
A-868-2		
AD-628 324	9E T 66 07	HC$ 5.60 MF$ 0.50
A1-65-225		
N66-10675	18J U 41 08	HC$ 1.00 MF$ 0.50
BAW-3125-2	18J U 41 07	HC$ 1.00 MF$ 0.50
BAW-3125-3	18J U 41 07	HC$ 1.00 MF$ 0.50
BAW-3125-4	18K U 41 07	HC$ 3.00 MF$ 0.75
BBN-1242		
AD-629 581	16D T 66 08	HC$ 4.00 MF$ 1.00
BC/RLD-3015		
N66-11619	21H U 41 08	HC$ 4.00 MF$ 1.00
BDX-613-1	9B U 41 07	HC$ 1.00 MF$ 0.50
BDX-613-39	14B U 41 08	HC$ 2.00 MF$ 0.50
BDX-613-43	14B U 41 07	HC$ 1.00 MF$ 0.50
BMI-1748 (DEL.)	18J U 41 08	HC$ 2.00 MF$ 0.50
BNL-953	11F U 41 08	HC$ 3.00 MF$ 0.50
BNWL-113-9	11F U 41 08	HC$ 2.00 MF$ 0.50
BNWL-137	18J U 41 08	HC$ 1.00 MF$ 0.50
BNWL-139	18G U 41 08	HC$ 2.00 MF$ 0.50
BNWL-142		
N66-10634	11F U 41 08	HC$ 1.00 MF$ 0.50
BNWL-147	9B U 41 08	HC$ 3.00 MF$ 0.75
BNWL-149	18H U 41 08	HC$ 3.00 MF$ 0.75
BNWL-150	11B U 41 07	HC$ 4.00 MF$ 1.00

BNWL-152 18I U 41 08 HC$ 2.00 MF$ 0.50
BNWL-16 11F U 41 07 HC$ 1.00 MF$ 0.50
BNWL-161 18F U 41 08 HC$ 1.00 MF$ 0.50
BNWL-165 6R U 41 08 HC$ 2.00 MF$ 0.50
BNWL-4 18G U 41 07 HC$ 2.00 MF$ 0.50
BOX-613-7 11A U 41 08 HC$ 1.00 MF$ 0.50
BPAD-863-16719R
N66-12149 13G U 41 08 HC$ 4.00 MF$ 1.00
BRLD-3133
N66-10701 13G U 41 08 HC$ 1.00 MF$ 0.50
BRL-MR-1687
AD-629 042 12A T 66 08 HC$ 2.00 MF$ 0.50
BRL-1292
AD-628 289 13M T 66 07 HC$11.60 MF$ 0.75
BRL-1298
AD-629 557 20B T 66 08 HC$ 2.60 MF$ 0.50
BRN-19-P
AD-629 400 7D T 66 08 HC$ 3.00 MF$ 0.75
BSD TR-66-60
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50
BULLETIN 35-PT 2
AD-628 599 20K T 66 07 HC$ 6.00 MF$ 1.50
BULL-35-PT-3
AD-628 600 20K T 66 07 HC$ 6.00 MF$ 1.50
CAL-A1-1972-A-1
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75
CAL-BB-1932-S-1
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75
CEA-R-2802
PB-169 234 20G U 41 08 HC$ 3.00 MF$ 0.75
CEA-R-2810
PB-169 232 20H U 41 08 HC$ 4.00 MF$ 0.75
CEA-R-2820
PB-169 231 7D U 41 08 HC$ 3.00 MF$ 0.75
CEA-R-2826
PB-169 229 7D U 41 08 HC$ 2.00 MF$ 0.50
CEA-R-2847
PB-169 228 18K U 41 08 HC$ 3.00 MF$ 0.75
CEA-R-2856
PB-169 227 18K U 41 08 HC$ 3.00 MF$ 0.75
CEA-R-2861
PB-169 226 18K U 41 08 HC$ 3.00 MF$ 0.75
CEA-R-2867
PB-169 225 18K U 41 08 HC$ 4.00 MF$ 0.75
CEA-R-2888
PB-169 161 20H U 41 07 HC$ 1.00 MF$ 0.50
CEA-R-2917
PB-169 164 18B U 41 07 HC$ 2.00 MF$ 0.50
CERC TM-16
AD-628 868 8J T 66 07 HC$ 1.00 MF$ 0.50
CEX-59.78 18H U 41 08 HC$ 1.00 MF$ 0.75
CF-2710
AD-629 226 20N T 66 08 HC$11.60 MF$ 0.75
CONF 524-18
6E-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50
CONF 551-3 6C U 41 08 HC$ 1.00 MF$ 0.50
CONF-471-45 20I U 41 07 HC$ 1.00 MF$ 0.50
CONF-630404-1
BDX-613-39 14B U 41 08 HC$ 2.00 MF$ 0.50
CONF-631108-1
BDX-613-43 14B U 41 07 HC$ 1.00 MF$ 0.50
CONF-640615-2
MMPP-FRPC-64-3 18K U 41 07 HC$ 2.00 MF$ 0.50
CONF-641201-16 13D U 41 07 HC$ 2.00 MF$ 0.75
CONF-650109-1
ACF-4 13H U 41 07 HC$ 1.00 MF$ 0.50
CONF-650208-1
IS-1107 20H U 41 07 HC$ 1.00 MF$ 0.50
CONF-650311-1
TIM-904 7D U 41 08 HC$ 2.00 MF$ 0.50
CONF-650405-1
IS-1105 7E U 41 07 HC$ 1.00 MF$ 0.50
CONF-650512 18A U 41 08 HC$ 6.00 MF$ 1.25
CONF-650524-2 20H U 41 08 HC$ 1.00 MF$ 0.50
CONF-650532-1
ORNL-P-1278 18L U 41 08 HC$ 1.00 MF$ 0.50
CONF-650533-1
Y-EA-37 14B U 41 08 HC$ 2.00 MF$ 0.50
CONF-650620 18I U 41 08 HC$ 3.00 MF$ 1.50
CONF-650704-2
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50
CONF-650904-4 18J U 41 08 HC$ 1.00 MF$ 0.50
CONF-651024 6H U 41 08 HC$ 6.00 MF$ 1.25
CONF-651101-42
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50
CONF-729-4 11F U 41 07 HC$ 2.00 MF$ 0.50
CONF-765 18H U 41 08 HC$ 6.50 MF$ 3.75
CONTRIB-65-6
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50
COO-1198-161 11F U 41 07 HC$ 2.00 MF$ 0.50
COO-1198-228 20C U 41 07 HC$ 3.00 MF$ 0.75
COO-1198-255 20H U 41 07 HC$ 1.00 MF$ 0.50
COWLES FOUNDATION DISCUSSION PAPER-200
AD-628 785 5C T 66 07 HC$ 2.00 MF$ 0.50
CR 65-70
N66-10611 11F U 41 08 HC$ 5.00 MF$ 1.00
CRDLR-3348
AD-628 313 6T T 66 07 HC$ 2.60 MF$ 0.50
CRDLR-3352
AD-628 312 6A T 66 07 HC$ 1.10 MF$ 0.50
CR-49-65
AD-629 181 2F T 66 08 HC$30.90 MF$ 1.50
CR-65-419-23
AD-628 130 9A T 66 07 HC$ 4.60 MF$ 0.50
CR-65-5
N66-12611 22D U 41 08 HC$ 8.45 MF$ 2.25
CTN64-02
AD-444 071 17I U 41 08 HC$ 1.00
CU-12-65-AMC-00099(E)
AD-628 089 7D T 66 07 HC$ 3.00 MF$ 0.75
CU-146-65-ONR-266-PHYS
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50
CU-20-ONR-266(57)-M
AD-628 383 12A T 66 07 HC$ 2.60 MF$ 0.50
CU-2660-16 20M U 41 08 HC$ 1.00 MF$ 0.50
CU-4-65-ONR-266(86)-CE
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75
CU-6-65-AMC-00099(E)
AD-467 754 7D U 41 07 HC$ 3.00 MF$ 0.75
CYCLOTRON-2
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50
C-29
AD-459 048 7B U 41 08 HC$ 2.00
C13.10-260-7 11F U 41 07 MF$ 0.75
C13.10-271 14B U 41 08 MF$ 1.25
C13.44-82 9C U 41 08 MF$ 0.50
C13.46-275 7D U 41 07 MF$ 0.75
C13.46-276 7E U 41 07 MF$ 1.00
C13.46:326 4A U 41 08 MF$ 0.75
DASA 1629
AD-466 666 20G U 41 08 HC$ 3.00 MF$ 0.75
DASA 1633
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50
DASA 1725
AD-628 783 13L T 66 07 HC$ 4.00 MF$ 0.75
DA-1
PB-169 373 13B U 41 08 HC$ 4.00 MF$ 0.75
DBA-321
AD-628 184 8E T 66 07 HC$ 4.60 MF$ 0.50
DCBRL-475
AD-628 121 6R T 66 07
DCBRL-479
AD-629 744 7C T 66 08
DCR-174
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00
DOUGLAS-PAPER-3683
AD-628 223 4B T 66 07 HC$ 1.00 MF$ 0.50
DP-1000 18B U 41 08 HC$ 1.00 MF$ 0.50
DP-1002 18I U 41 08 HC$ 2.00 MF$ 0.50
DP-972 7E U 41 08 HC$ 1.00 MF$ 0.50
DP-985 7B U 41 08 HC$ 1.00 MF$ 0.50
DP-988 18I U 41 08 HC$ 2.00 MF$ 0.50
DP-990 18G U 41 08 HC$ 2.00 MF$ 0.50
DP/NASA/-1005
N66-10876 11F U 41 08 HC$ 1.00 MF$ 0.50
DRL-428
AD-629 226 20N T 66 08 HC$11.60 MF$ 0.75
DRML TN-564
AD-629 101 14C T 66 08
DRML-RP-532
AD-629 102 5J T 66 08
DRML-RP-616
AD-629 100 5J T 66 08
DSR-5135
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00
DSR-5139
AD-628 224 20D T 66 07 HC$12.60 MF$ 1.00
DSR-5170
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50
DTMB 1245
AD-628 092 13J T 66 07 HC$ 2.00 MF$ 0.50
DTMB 1780
AD-629 379 20D T 66 08 HC$ 4.60 MF$ 0.50
DTMB 1882
AD-628 881 13J T 66 07 HC$ 1.60 MF$ 0.50
DTMB 2100
AD-628 441 13J T 66 07 HC$ 5.60 MF$ 0.50
DTMB 2118
AD-628 555 13J T 66 07 HC$ 2.60 MF$ 0.50
DTMB 2127
AD-628 161 20D T 66 07 HC$ 1.60 MF$ 0.50
DTMB 2128
AD-628 440 13J T 66 07 HC$ 4.60 MF$ 0.50
DTMB 2132
AD-628 442 20D T 66 07 HC$ 1.00 MF$ 0.50
DTMB 2135
AD-628 891 6S T 66 08 HC$ 2.00 MF$ 0.50
DTMB 2140
AD-628 979 13H T 66 08 HC$ 2.00 MF$ 0.50
DTMB 2147
AD-629 273 13J T 66 08 HC$ 3.60 MF$ 0.50
DTMB 2153
AD-628 160 20D T 66 07 HC$ 4.60 MF$ 0.50
DTMB 2154
AD-628 854 13J T 66 07 HC$ 4.60 MF$ 0.50
DTMB 2166
AD-629 735 13J T 66 08 HC$ 3.60 MF$ 0.50
DYNATECH-620
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75
D1-82-0486
AD-628 662 20I T 66 07 HC$ 1.00 MF$ 0.50
D1-82-0491
AD-629 719 20M T 66 08 HC$ 5.00 MF$ 1.00
D1-82-0495
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50
D1-82-0499
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50
D1-82-0501
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50
D1-82-0503
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50
D2-3929-460
AD-628 151 16D T 66 07 HC$ 3.00 MF$ 0.75
EA-1
AD-629 390 16C T 66 08 HC$ 3.00 MF$ 0.75
EBR-177
AD-628 170 13H T 66 07 HC$ 2.00 MF$ 0.50
ECOM TR-01309-1
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00
ECOM 00392-F
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50
ECOM 01256-1

AD-628 271 9E T 66 07 HC$ 3.60 MF$ 0.50
ECOM 01338(E)-1
AD-629 438 8S T 66 08 HC$ 1.60 MF$ 0.50
ECOM 01375-2
AD-628 499 10B T 66 07 HC$ 4.60 MF$ 0.75
ECOM 01377-2
AD-629 277 19D T 66 08 HC$ 3.60 MF$ 0.50
ECOM 01394-1
AD-628 961 10C T 66 08 HC$ 8.60 MF$ 0.75
ECOM 01426-2
AD-628 324 9E T 66 07 HC$ 5.60 MF$ 0.50
ECOM 01442-1
AD-629 586 9B T 66 08 HC$ 2.60 MF$ 0.50
ECOM 01460-1
AD-629 220 10A T 66 08 HC$ 5.60 MF$ 0.50
ECOM 01482-1
AD-628 577 9A T 66 07 HC$ 6.60 MF$ 0.75
ECOM 01542-1
AD-628 672 17D T 66 07 HC$ 1.60 MF$ 0.50
ECOM 01549(E)-1
AD-629 163 4B T 66 08 HC$ 4.60 MF$ 0.50
ECOM 2654
AD-629 571 9A T 66 08 HC$ 2.00 MF$ 0.50
ECOM 2659
AD-629 125 9E T 66 08 HC$ 2.60 MF$ 0.50
ECOM 2661
AD-628 709 18E T 66 08 HC$ 1.00 MF$ 0.50
ECOM 2665
AD-629 126 9A T 66 08 HC$ 2.00 MF$ 0.50
ECOM-2613
AD-629 426 20E T 66 08 HC$ 2.60 MF$ 0.50
ECOM-2648
AD-629 386 9A T 66 08 HC$ 1.00 MF$ 0.50
ECOM-2652
AD-629 608 20L T 66 08 HC$ 1.00 MF$ 0.50
ECOM-2653
AD-628 485 14E T 66 07 HC$ 1.00 MF$ 0.50
ECOM-2663
AD-629 346 9B T 66 08 HC$ 2.00 MF$ 0.50
EDC-2-64-7
N66-10881 20K U 41 65 HC$ 3.00 MF$ 0.75
EDL-M891
AD-629 306 9E T 66 08 HC$ 3.00 MF$ 0.75
EDL-M892
AD-629 148 9E T 66 08 HC$ 3.00 MF$ 0.75
EDL-M928
AD-629 631 9A T 66 08 HC$ 2.00 MF$ 0.50
EERL-49
AD-628 993 17D T 66 08 HC$ 3.00 MF$ 0.50
EES-9
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50
EE-449-661-T-9
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75
EFINS-61-34
AD-628 255 4A T 66 07 HC$10.60 MF$ 0.75
EFINS-65-89
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50
EGCR-4 8Q U 41 07 HC$ 1.00 MF$ 0.50
EL-8
AD-628 647 20F T 66 07
EMI-3342-103-65U
AD-628 369 14B T 66 07 HC$ 3.00 MF$ 0.50
EMRL-25
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50
ENGINEERING CIRCULAR-12
AD-628 415 14B T 66 07 HC$ 1.00 MF$ 0.50
ENGINEERING MONO-10
AD-628 139 13M T 66 07 MF$ 1.00
ENGINEERING-329-30
AD-629 153 20F T 66 08 HC$ 1.00 MF$ 0.50
EPD-134
N66-10887 22A U 41 08 HC$ 8.00 MF$ 2.50
EP-9
PB-169 360 9C U 41 08 HC$ 3.00 MF$ 0.75
ERDA-315
AL-467 000 4A U 41 08 HC$ 1.00 MF$ 0.50
ERL-65-14
N66-11401 9C U 41 08 HC$ 5.00 MF$ 1.25
ERL-65-31
AD-628 677 9E T 66 07 HC$ 4.00 MF$ 0.75
ERL-65-32
AD-629 578 9E T 66 08 HC$ 6.00 MF$ 1.25
ERP-163
AD-628 056 20N T 66 07 HC$ 1.00 MF$ 0.50
ER-6497
N66-12265 10B U 41 08 HC$ 7.00 MF$ 1.75
ESD TDR-64-148-VOL-2
AD-628 772 20N T 66 07 HC$ 6.00 MF$ 1.50
ESD TDR-65-228
AD-629 130 3A T 66 08 HC$ 8.60 MF$ 0.75
ESD TDR-65-418
AD-629 047 3A T 66 08 HC$ 2.00 MF$ 0.50
ESD TDR-65-493
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50
ESD TDR-65-551
AD-628 558 5H T 66 07
ESD TDR-65-553
AD-629 048 20L T 66 08 HC$ 3.00 MF$ 0.75
ESD TDR-65-557
AD-628 564 5H T 66 07
ESD TDR-65-583
AD-628 560 20E T 66 07
ESD TDR-65-596
AD-628 148 8K T 66 07 HC$ 8.60 MF$ 0.75
ESD TDR-65-598
AD-628 200 20N T 66 07 HC$ 7.60 MF$ 0.75
ESD TDR-65-66
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75
ESD TDR-66-11
AD-629 359 17I T 66 08 HC$10.60 MF$ 0.75
AD-628 565 3B T 66 07
ESD TDR-66-19
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00
ESD TDR-66-23
AD-628 561 5J T 66 07
ESD TDR-66-24
AD-628 562 5J T 66 07
ESD TDR-66-25
AD-628 559 10B T 66 07
ESD TDR-66-29
AD-628 563 20F T 66 07
ESD TDR-66-32
AD-628 493 20F T 66 07 HC$ 2.60 MF$ 0.50
ESD TDR-66-34
AD-628 907 9A T 66 08 HC$ 1.60 MF$ 0.50
ESD TDR-66-45
AD-629 361 9B T 66 08 HC$ 2.00 MF$ 0.50
ESD TR-65-125
AD-628 624 5J T 66 07
ESD TR-65-127
AD-629 455 5G T 66 08
ESD TR-65-147
AD-628 778 20N T 66 07 HC$ 3.60 MF$ 0.50
ESD TR-65-148
AD-628 773 20N T 66 07 HC$ 2.00 MF$ 0.50
ESD TR-65-218
AD-628 108 5G T 66 07
ESD TR-65-326
AD-628 109 5J T 66 07
ESD TR-65-402
AD-628 777 20I T 66 07 HC$ 2.60 MF$ 0.50
ESD TR-66-121
AD-628 188 5J T 66 07 HC$ 6.60 MF$ 0.75
ESL-SR-225
N65-17524 9A U 41 07 HC$ 3.00 MF$ 0.50
ES-18
AD-628 766 4B T 66 07 HC$ 3.00 MF$ 0.75
EUR C/318/65C
TID-21501 18E U 41 07 HC$ 4.00 MF$ 0.75
EUR C/4630/64E
TID-21407 18E U 41 07 HC$ 2.00 MF$ 0.75
EUR C/5494/64E
TID-21593 18E U 41 07 HC$ 4.00 MF$ 0.75
EURAEC 1053
NCSC-2663-16 20B U 41 08 HC$ 1.00 MF$ 0.50
EURAEC 1054
NCSC-2981-7 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 1155
NCSC-2981-8 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 1166
EURAEC-1166 13H U 41 07 HC$ 3.00 MF$ 0.75
EURAEC 1257
BAW-3125-2 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 1328
BAW-3125-3 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 327
NCSC-2981-1 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 334
NCSC-2981-2 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 669
NCSC-2981-3 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 868
NCSC-2981-5 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC 981
NCSC-2981-6 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC-1097 13H U 41 07 HC$ 4.00 MF$ 0.75
EURAEC-1102 11F U 41 07 HC$ 2.00 MF$ 0.50
EURAEC-1106 13H U 41 07 HC$ 6.00 MF$ 1.25
EURAEC-1121 18J U 41 07 HC$ 3.00 MF$ 0.75
EURAEC-1135
ATL-A-143 11F U 41 07 HC$ 1.00 MF$ 0.50
EURAEC-1148 11B U 41 07 HC$ 3.00 MF$ 0.75
EURAEC-1162 18L U 41 08 HC$ 3.00 MF$ 0.75
EURAEC-1164 18I U 41 07 HC$ 1.00 MF$ 0.50
EURAEC-1166 13H U 41 07 HC$ 3.00 MF$ 0.75
EURAEC-1214
EURAEC-1097 13H U 41 07 HC$ 4.00 MF$ 0.75
EURAEC-1217 11F U 41 07 HC$ 2.00 MF$ 0.50
EURAEC-1218 11F U 41 07 HC$ 2.00 MF$ 0.50
EURAEC-1228 13H U 41 07 HC$ 1.00 MF$ 0.50
EURAEC-1239 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC-1242 13H U 41 07 HC$ 3.00 MF$ 0.75
EURAEC-1299
ATL-A-144 11F U 41 07 HC$ 4.00 MF$ 1.00
EURAEC-1314 20L U 41 07 HC$ 1.00 MF$ 0.50
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50
EURAEC-1329
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50
EURAEC-1409
BAW-3125-4 18K U 41 07 HC$ 3.00 MF$ 0.75
EURAEC-772 20L U 41 07 HC$ 2.00 MF$ 0.50
EURAEC-990 18J U 41 07 HC$ 2.00 MF$ 0.50
EUR-1372.E
EURAEC-772 20L U 41 07 HC$ 2.00 MF$ 0.50
EU-837
EURAEC-1314 20L U 41 07 HC$ 1.00 MF$ 0.50
FA M66-14-1
AD-628 764 15G T 66 07 HC$ 1.00 MF$ 0.50
FA M66-16-1
AD-629 225 5B T 66 08 HC$ 2.00 MF$ 0.50
FA M66-4-1
AD-629 456 19A T 66 08 HC$ 3.60 MF$ 0.50
FD 37
AD-628 377 6H T 66 07 HC$ 4.00 MF$ 1.00
FD 66-1,
AD-628 377 6H T 66 07 HC$ 4.00 MF$ 1.00
FDL TDR-64-13-VOL-1
AD-628 136 22C T 66 07 HC$ 5.00 MF$ 1.00
FDU-65-8
N66-10625 9C U 41 08 HC$ 2.00 MF$ 0.50
FLIGHT SCIENCES LAB-103

AD-629 719 20M T 66 08 HC$ 5.00 MF$ 1.00
FLIGHT SCIENCES LAB-104
AD-628 323 20I T 66 07 HC$ 1.00 MF$ 0.50
FL-277-PR-33
AD-629 012 13K T 66 08 HC$22.00 MF$ 1.25
FRITZ REPRINT-279
AD-628 209 13B T 66 07
FRITZ REPRINT-284
AD-628 210 13B T 66 07
FR-085-1161
AD-629 168 21C T 66 08 HC$ 5.00 MF$ 1.00
FSTC-381-T65-691
AD-628 492 6M T 66 07 HC$ 1.10 MF$ 0.50
FTD-MT-64-123
AD-628 789 4B T 66 07 HC$19.70 MF$ 1.25
FTD-MT-64-276
AD-629 441 1B T 66 08 HC$26.30 MF$ 1.25
FTD-MT-64-296
AD-628 302 4B T 66 07 HC$14.70 MF$ 1.00
FTD-MT-64-318
AD-628 786 20D T 66 07 HC$23.40 MF$ 1.25
FTD-MT-64-335
AD-628 508 20K T 66 07 HC$13.45 MF$ 4.00
FTD-MT-64-36
AD-628 504 17G T 66 07 HC$29.70 MF$ 1.50
FTD-MT-64-385
AD-628 307 20K T 66 07 HC$21.60 MF$ 1.25
FTD-MT-64-449
AD-629 440 20K T 66 08 HC$23.60 MF$ 1.25
FTD-MT-65-159
AD-629 421 6R T 66 08 HC$22.70 MF$ 1.25
FTD-MT-65-566
AD-628 303 20D T 66 07 HC$ 3.60 MF$ 0.50
FTD-MT-65-96
AD-629 424 17G T 66 08 HC$ 8.40 MF$ 2.25
FTD-TT-64-485
AD-628 299 10C T 66 07 HC$ 1.10 MF$ 0.50
FTD-TT-64-970
AD-628 300 14B T 66 07 HC$ 1.10 MF$ 0.50
FTD-TT-65-111
AD-628 507 9B T 66 07 HC$41.20 MF$ 2.00
FTD-TT-65-1368
AD-629 411 6O T 66 08 HC$ 1.10 MF$ 0.50
FTD-TT-65-1385
AD-629 471 20D T 66 08 HC$ 2.60 MF$ 0.50
FTD-TT-65-1386
AD-629 412 3B T 66 08 HC$ 1.60 MF$ 0.50
FTD-TT-65-1390
AD-629 413 11D T 66 08 HC$ 1.10 MF$ 0.50
FTD-TT-65-1396
AD-629 228 11B T 66 08 HC$ 1.00 MF$ 0.50
FTD-TT-65-1443
AD-629 227 21E T 66 08 HC$ 1.00 MF$ 0.50
FTD-TT-65-1445
AD-629 414 14B T 66 08 HC$ 1.00 MF$ 0.50
FTD-TT-65-1447
AD-629 415 11H T 66 08 HC$ 1.00 MF$ 0.50
FTD-TT-65-1452
AD-629 423 20L T 66 08 HC$ 2.60 MF$ 0.50
FTD-TT-65-1455
AD-629 349 20I T 66 08 HC$ 2.60 MF$ 0.50
FTD-TT-65-1601
AD-629 442 9E T 66 08 HC$ 1.10 MF$ 0.50
FTD-TT-65-1608
AD-629 472 7D T 66 08 HC$ 1.60 MF$ 0.50
FTD-TT-65-1682
AD-629 422 6R T 66 08 HC$ 1.60 MF$ 0.50
FTD-TT-65-1683
AD-629 473 17B T 66 08 HC$ 1.10 MF$ 0.50
FTD-TT-65-1777
AD-629 474 21E T 66 08 HC$ 1.60 MF$ 0.50
FTD-TT-65-1778
AD-629 416 20D T 66 08 HC$ 4.60 MF$ 0.50
FTD-TT-65-1782
AD-629 475 13K T 66 08 HC$ 1.10 MF$ 0.50
FTD-TT-65-314
AD-628 310 14B T 66 07 HC$59.10 MF$ 2.50
FTD-TT-65-393
AD-629 166 6C T 66 08 HC$10.40 MF$ 2.75
FTD-TT-65-46
AD-628 309 6P T 66 07 HC$31.90 MF$ 1.50
FTD-TT-65-551
AD-628 308 4B T 66 07 HC$ 1.60 MF$ 0.50
FTD-TT-65-582
AD-628 107 9A T 66 07 HC$68.10 MF$ 3.00
FTD-TT-65-919
AD-628 306 21B T 66 07 HC$ 1.60 MF$ 0.50
FTD-TT-65-936
AD-629 165 11I T 66 08 HC$ 4.60 MF$ 0.50
FTD-TT-65-964
AD-629 469 5F T 66 08 HC$ 5.00 MF$ 1.00
FTD-TT-65-970
AD-629 164 5I T 66 08 HC$ 8.60 MF$ 0.75
FTD-TT-65-971
AD-628 047 6L T 66 07 HC$ 3.00 MF$ 0.75
FTD-TT-65-978
AD-628 301 7E T 66 07 HC$ 1.60 MF$ 0.50
FUR-1800
EURAEC-1317 18J U 41 07 HC$ 1.00 MF$ 0.50
F-3052-2
AD-628 873 6D T 66 07 HC$ 6.00 MF$ 1.25
F-4341-REV-1
AD-629 562 10B T 66 08 HC$ 4.60 MF$ 0.50
GACD-3082
N66-10645 10A U 41 08 HC$ 1.00 MF$ 0.50
GACD-3160
N66-10638 10A U 41 08 HC$ 1.00 MF$ 0.50
GADC-3511
N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50
GARD-1244
AD-629 633 13A T 66 08 HC$ 4.00 MF$ 0.75
AD-629 634 13A T 66 08 HC$ 1.00 MF$ 0.50
GA-5572
AD-450 629 21F U 41 08 HC$ 1.00
GA-6152 20H U 41 08 HC$ 3.00 MF$ 0.75
GA-6218
AD-466 666 20G U 41 08 HC$ 3.00 MF$ 0.75
GA-6220
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75
GA-6749
AD-628 066 7D T 66 07 HC$ 1.00 MF$ 0.50
GCA-TR-64-16-N
N65-25012 4A U 41 07 HC$ 2.00 MF$ 0.50
GCA-TR-65-16-N
N66-12248 4A U 41 08 HC$ 4.00 MF$ 1.00
GCA-TR-65-22-N
N66-11748 4A U 41 08 HC$ 2.00 MF$ 0.50
GCA-TR-65-26-N
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50
GDA-DBE64-034
AD-441 930 22C U 41 08 HC$ 3.00
GD/A-BRW-64-005
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50
GD/A-DDG-64-024A
N66-11245 20K U 41 08 HC$ 1.00 MF$ 0.50
GD/A-55D-859-2
N66-11241 20M U 41 08 HC$ 1.00 MF$ 0.50
GD/A-64-26211
N66-10552 6K U 41 08 HC$ 2.00 MF$ 0.50
GD/C-ACY-65-001-4
N66-11240 22D U 41 08 HC$ 4.00 MF$ 0.75
GE-TM-64-2-8 11F U 41 07 HC$ 1.00 MF$ 0.50
GE-65SD4361
N66-10612 22B U 41 08 HC$ 6.00 MF$ 1.25
GE/EE/65-21
AD-629 454 17I T 66 08 HC$ 4.00 MF$ 1.00
GIMRADA RN-15
AD-629 704 20F T 66 08 HC$ 1.00 MF$ 0.50
GIMRADA RN-16
AD-629 705 8E T 66 08 HC$ 2.00 MF$ 0.50
GRAM-10
AD-628 887 4A T 66 08 HC$ 4.00 MF$ 0.75
GRE/MATH/65-4
AD-628 336 12B T 66 07 HC$ 5.60 MF$ 0.50
GRE/MATH/65-6
AD-628 335 9B T 66 07 HC$10.60 MF$ 0.75
GRE/SM/65-01
AD-628 102 14D T 66 07 HC$ 8.60 MF$ 0.75
GRE/SM/65-2
AD-628 100 14D T 66 07 HC$ 6.60 MF$ 0.75
GSM/SM/64-24
AD-628 058 5A T 66 07 HC$ 3.00 MF$ 0.75
GSM/SM/65-10
AD-628 057 15E T 66 07 HC$ 3.00 MF$ 0.75
GSM/SM/65-15
AD-628 099 14A T 66 07 HC$ 6.60 MF$ 0.75
GSM/SM/65-5
AD-628 101 5A T 66 07 HC$16.00 MF$ 1.00
G-T-R-65-10
AD-629 044 20D T 66 08 HC$ 1.00 MF$ 0.50
G-T-R-65-11
AD-629 045 7D T 66 08 HC$ 1.00 MF$ 0.50
G-T-R-65-9
AD-629 046 8G T 66 08 HC$ 1.00 MF$ 0.50
HIT-186
N66-10774 9C U 41 08 HC$ 2.00 MF$ 0.50
HRBI-352.13-R-1
AD-628 495 15D T 66 07 HC$ 2.00 MF$ 0.50
HSA-20
PB-169 224 19B U 41 07 HC$ 4.00 MF$ 1.00
HTL-TR-65
AD-628 083 20D T 66 07 HC$ 4.00 MF$ 0.75
HUMRRO-RB-6
AD-628 960 5I T 66 08 HC$ 2.60 MF$ 0.50
HUYCK-805/F3-25
N66-10751 11D U 41 08 HC$ 3.00 MF$ 0.75
HW-79287 18I U 41 07 HC$ 3.00 MF$ 0.75
HYD-525
AD-466 191 13M U 41 07 HC$ 1.00 MF$ 0.50
IA-897
AD-628 401 20L T 66 07 HC$ 2.60 MF$ 0.50
IDA/HQ 66-4533
AD-629 685 12A T 66 08 HC$ 4.60 MF$ 0.50
IDA/HQ65-4384
AD-628 819 9B T 66 07 HC$ 1.60 MF$ 0.50
IDA/HR 65-4071
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50
IDC-R-1101-1
PB-169 372 14E U 41 08 HC$ 5.60 MF$ 0.50
IDC-8521
PB-169 405 5B U 41 08 HC$ 5.00 MF$ 1.00
IDO-14643 18J U 41 07 HC$ 3.00 MF$ 0.75
IDO-14658 18J U 41 08 HC$ 2.00 MF$ 0.50
IDO-17076 18N U 41 08 HC$ 5.00 MF$ 1.00
IDO-17115 20H U 41 07 HC$ 3.00 MF$ 0.75
IDO-17122 6R U 41 07 HC$ 1.00 MF$ 0.50
IHP-65-2
AD-628 081 6P T 66 07 HC$ 3.00 MF$ 0.50
IITRI-A6121-6
AD-468 153 14E U 41 08 HC$ 3.00 MF$ 0.75
IITRI-A6141-QR1
N66-12863 3B U 41 08 HC$ 1.00 MF$ 0.50
IITRI-H6015-1
AD-628 319 9B T 66 07 HC$ 3.60 MF$ 0.50
IITRI-T6042-11 18J U 41 07 HC$ 2.00 MF$ 0.50
IITRI-U6003-16
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50
IITRI-U6012-4
AD-628 584 6A T 66 07 HC$ 3.00 MF$ 0.75
IITRI-1184-15 20C U 41 07 HC$ 2.00 MF$ 0.50
IMP-AEC-34
IMP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50

IMP-AEC-34 20H U 41 08 HC$ 2.00 MF$ 0.50
INSTITUTE-28
AD-628 414 20J T 66 07
INST. OF STATISTICS MS-437
AD-628 164 12A T 66 07 HC$ 3.00 MF$ 0.75
IPPJ-37
PB-169 192 20I U 41 08 HC$ 2.00 MF$ 0.50
IPPJ-40
PB-169 191 20I U 41 08 HC$ 1.00 MF$ 0.50
IPPJ-41
PB-169 190 20I U 41 08 HC$ 2.00 MF$ 0.50
IPPJ-42
PB-169 189 20I U 41 07 HC$ 1.00 MF$ 0.50
IPPJ-43
PB-169 188 20I U 41 07 HC$ 2.00 MF$ 0.50
IRA-100:1-PT-1
AD-628 706 6D T 66 07 HC$ 1.00 MF$ 0.50
IRA-100:2
AD-628 708 6D T 66 07 HC$ 1.00 MF$ 0.50
IRA-100:4
AD-628 709 6D T 66 07 HC$ 1.00 MF$ 0.50
IRA-100:5-PT-2
AD-628 707 6D T 66 07 HC$ 1.00 MF$ 0.50
IRA-100:6
AD-628 710 6D T 66 07 HC$ 1.00 MF$ 0.50
IRL-1038
AD-628 780 9A T 66 07 HC$16.10 MF$ 1.00
IS-1105 7E U 41 07 HC$ 1.00 MF$ 0.50
IS-1107 20H U 41 07 HC$ 1.00 MF$ 0.50
IS-1222 7C U 41 07 HC$ 4.00 MF$ 0.75
IS-1241 7D U 41 07 HC$ 2.00 MF$ 0.50
ITEK-65-9048-13
AD-466 577 14E U 41 07 HC$ 3.00 MF$ 0.75
ITEK-9048-10
AD-457 952 14E U 41 08 HC$ 2.00
I-6285
AD-629 662 4B T 66 08 HC$ 1.00 MF$ 0.50
I-6656
AD-628 840 8F T 66 07 HC$ 1.10 MF$ 0.50
I-8463-A
AD-628 841 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8463-B
AD-628 842 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8463-C
AD-628 843 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8463-D
AD-628 844 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8463-E
AD-628 845 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8463-F
AD-628 846 8H T 66 07 HC$ 1.00 MF$ 0.50
I-8463-G
AD-628 847 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8561-A
AD-628 530 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8561-B
AD-628 531 8L T 66 07 HC$ 1.00 MF$ 0.50
I-8561-C
AD-628 532 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8561-D
AD-628 533 8F T 66 07 HC$ 1.00 MF$ 0.50
I-8834
AD-629 106 11F T 66 08 HC$ 5.00 MF$ 1.00
I-8880
AD-628 416 8F T 66 07 HC$ 2.00 MF$ 0.50
I-8944
AD-628 534 3A T 66 07 HC$ 1.00 MF$ 0.50
I-9054-A
AD-628 430 6H T 66 07 HC$ 1.00 MF$ 0.50
I-9054-B
AD-628 419 6H T 66 07 HC$ 1.00 MF$ 0.50
I-9054-C
AD-628 420 6A T 66 07 HC$ 1.00 MF$ 0.50
I-9054-D
AD-628 421 6H T 66 07 HC$ 1.00 MF$ 0.50
I-9054-E
AD-628 422 6H T 66 07 HC$ 1.00 MF$ 0.50
I-9054-F
AD-628 428 14B T 66 07 HC$ 1.00 MF$ 0.50
I-9054-G
AD-628 429 6H T 66 07 HC$ 1.00 MF$ 0.50
JA-2387A
AD-628 561 5J T 66 07
JA-2444
AD-628 562 5J T 66 07
JA-2501
AD-628 559 10B T 66 07
JA-2544
AD-628 564 5H T 66 07
JA-2627
AD-628 565 3B T 66 07
JA-2636
AD-628 560 20E T 66 07
JA-2684
AD-628 563 20F T 66 07
JPL-SPS-37-34
N66-10340 22C U 41 08 HC$ 7.00 MF$ 1.75
JPL-TM-33-216
N66-10425 20H U 41 08 HC$ 7.00 MF$ 2.00
JPL-TR-32-814
N66-10650 21H U 41 08 HC$ 2.00 MF$ 0.50
JPL-TR-33-133
N65-14540 17D U 41 07 HC$ 2.00 MF$ 0.50
JPL-950327
N66-11743 14B U 41 08 HC$ 6.00 MF$ 1.50
JPL-950745
N66-10629 11J U 41 08 HC$ 1.00 MF$ 0.50
N66-10630 11J U 41 08 HC$ 1.00 MF$ 0.50
JPL-950789
N66-10631 22B U 41 08 HC$ 5.00 MF$ 1.00
JPRCO-JS62:49-4489
AD-287 161 8K U 41 07 HC$ 3.00
KAMAN R-574
AD-629 636 13I T 66 08 HC$ 6.00 MF$ 1.50
KRB-1964/2
TID-21593 18E U 41 07 HC$ 4.00 MF$ 0.75
LA-3240 13K U 41 07 HC$ 2.00 MF$ 0.50
LA-3298 9B U 41 07 HC$ 2.00 MF$ 0.50
LA-3318 9A U 41 08 HC$ 1.00 MF$ 0.50
LA-3354 9B U 41 08 HC$ 2.00 MF$ 0.75
LA-3363 6R U 41 07 HC$ 1.00 MF$ 0.50
LA-3372 20G U 41 08 HC$ 7.00 MF$ 1.50
LA-3373 9B U 41 07 HC$ 4.00 MF$ 1.00
LA-3380 20H U 41 08 HC$ 4.00 MF$ 1.00
LA-3381 20M U 41 07 HC$ 2.00 MF$ 0.50
LA-3382 6R U 41 07 HC$ 1.00 MF$ 0.50
LA-3401 12A U 41 07 HC$ 1.00 MF$ 0.50
LA-3403 18C U 41 08 HC$ 3.00 MF$ 0.50
LA-3405 20M U 41 07 HC$ 2.00 MF$ 0.50
LA-3415 20H U 41 08 HC$ 3.00 MF$ 0.75
LA-3419 20G U 41 07 HC$ 3.00 MF$ 0.50
LA-3434 18A U 41 07 HC$ 3.00 MF$ 0.75
LF-27 6M U 41 07 HC$ 1.00 MF$ 0.50
LF-28 18G U 41 08 HC$ 3.50 MF$ 1.50
LMSD-5132
AD-628 762 20D T 66 07 HC$ 3.60 MF$ 0.50
LN-268-65
AD-628 839 15E T 66 07 HC$ 2.00 MF$ 0.50
LR-17491
N66-12170 8B U 41 08 HC$ 4.00 MF$ 0.75
LR-17666
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75
LR-19398
AD-629 627 3B T 66 08 HC$ 2.00 MF$ 0.50
LT-65-15
AD-629 643 20D T 66 08 HC$ 4.00 MF$ 0.75
MAC-PR-2
AD-629 494 9B T 66 08 HC$ 6.00 MF$ 1.25
MAC-TR-20
AD-474 019 9B U 41 07 HC$ 3.00 MF$ 0.50
MATHEMATICAL NOTE 445
AD-628 934 12A T 66 08 HC$ 1.00 MF$ 0.50
MATHEMATICAL NOTE-441
AD-628 199 12B T 66 07 HC$ 2.00 MF$ 0.50
MC-62-49-R6
AD-628 075 20C T 66 07 HC$ 3.00 MF$ 0.75
MDE-6236
AD-628 489 20E T 66 07 HC$ 3.60 MF$ 0.50
MEL 252/65
AD-629 372 20K T 66 08 HC$ 6.60 MF$ 0.75
MEL-21-66
AD-628 838 11H T 66 07 HC$ 4.60 MF$ 0.50
MEL-84/66
AD-628 070 13H T 66 07 HC$ 1.00 MF$ 0.50
ME-TN-392-4
AD-629 011 20D T 66 08
MISCELLANEOUS PAPER-1-790
AD-629 405 13K T 66 08 HC$ 2.00 MF$ 0.50
MISCELLANEOUS PUB-267
AD-629 307 11B T 66 08 MF$ 1.00
MISCELLANEOUS PUB-3
AD-628 666 6M T 66 07 HC$ 2.00 MF$ 0.50
MIT-DSR-5139
AD-628 578 20D T 66 07 HC$ 3.00 MF$ 0.75
ML TDR-64-40-SUPPL-1
AD-629 720 11I T 66 08 HC$ 3.00 MF$ 1.50
ML TM-57-22
PB-169 205 5I U 41 07 HC$ 1.00 MF$ 0.50
MLM-1266 7E U 41 07 HC$ 2.00 MF$ 0.50
MLM-1283 18J U 41 07 HC$ 4.00 MF$ 0.50
MLM-1288 20C U 41 08 HC$ 1.00 MF$ 0.50
ML-TDR-64-151-PT-2
AD-629 740 7C T 66 08 HC$ 5.60 MF$ 0.75
ML-1005
AD-402 832 9E U 41 08 HC$ 2.00
ML-1382
AD-628 305 20A T 66 07 HC$ 3.60 MF$ 0.50
ML-1393
AD-628 076 20E T 66 07 HC$ 1.00 MF$ 0.50
ML-1410
AD-628 941 20E T 66 08 HC$ 1.60 MF$ 0.50
NMPP-FRPC-64-2 18K U 41 07 HC$ 3.00 MF$ 0.75
NMPP-FRPC-64-3 18K U 41 07 HC$ 2.00 MF$ 0.50
NND-P-3006 18N U 41 08 HC$ 4.00 MF$ 0.75
NND-P-3007 18N U 41 08 HC$ 5.00 MF$ 1.00
NN-446
AD-628 661 12A T 66 07 HC$ 2.00 MF$ 0.50
NPL-U-15/65
AD-629 137 20N T 66 08
NPL-U-16/64
AD-629 142 8J T 66 08
NPL-U-30/65
AD-629 140 14C T 66 08
NPL-U-59/62
AD-629 138 7D T 66 08
NPL-3
AD-628 311 5J T 66 07 HC$ 2.60 MF$ 0.50
NRB-2023F
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00
NRB-402811
AD-629 220 10B T 66 08 HC$ 5.60 MF$ 0.50
NRC-489-PTS-1-2 20L U 41 07 HC$ 3.00 MF$ 0.75
NRC-65/369
AD-466 169 6P U 41 07 HC$ 2.00 MF$ 0.50
NRI65-FR-300
N66-10683 10C U 41 08 HC$ 2.00 MF$ 0.50
NR-M66-10-1
AD-629 104 17F T 66 08 HC$ 2.00 MF$ 0.50
NR-1262
N66-10937 20K U 41 08 HC$ 7.00 MF$ 1.75
NSAR-65-89 11F U 41 07 HC$ 1.00 MF$ 0.50
NSC-451

AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50
MSRR-61
AD-629 229 5A T 66 08 HC$ 2.00 MF$ 0.50
MSRR-64
AD-629 230 5A T 66 08 HC$ 1.60 MF$ 0.50
MS-1240
AD-628 558 5H T 66 07
MTI-65TR49
AD-629 038 13I T 66 08 HC$ 2.00 MF$ 0.50
MTI-65TR56
AD-629 039 11H T 66 08 HC$ 3.00 MF$ 0.50
MTP-9
AD-629 455 5G T 66 08
M-6069
AD-628 806 13M T 66 07 HC$ 5.00 MF$ 1.25
NAA-SR-11303 18I U 41 07 HC$ 1.00 MF$ 0.50
NAA-SR-11450 18I U 41 07 HC$ 7.00 MF$ 2.00
NAA-SR-11528 18M U 41 08 HC$ 2.00 MF$ 0.50
NAA-SR-11650 18I U 41 08 HC$ 6.00 MF$ 1.25
NAA-SR-9339 18I U 41 08 HC$ 3.00 MF$ 1.25
NAA-SR-9778 18N U 41 07 HC$ 3.00 MF$ 0.75
NADC MR-6503
AD-629 590 14B T 66 08 HC$ 2.00 MF$ 0.50
NADC-AE-6525
AD-628 871 20N T 66 07 HC$ 2.60 MF$ 0.50
NADC-AE-6526
AD-629 724 17A T 66 08 HC$ 2.60 MF$ 0.50
NADC-ML-6508
AD-629 589 6P T 66 08 HC$ 1.00 MF$ 0.50
NADC-MM-6506
AD-628 149 5J T 66 07 HC$ 1.60 MF$ 0.50
NADC-MR-6507
AD-628 994 5J T 66 08 HC$ 1.60 MF$ 0.50
NADC-MR-6508
AD-628 995 5J T 66 08 HC$ 1.60 MF$ 0.50
NAEC-AML-2132
AD-466 955 11F U 41 07 HC$ 3.00 MF$ 0.75
NAFI TM-678-SUPERSEDED
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50
NAFI-TR-544
AD-628 110 9E T 66 07 HC$ 4.00 MF$ 0.75
NAFI-TR-678A
AD-628 664 13H T 66 07 HC$ 1.60 MF$ 0.50
NAFI-TR-687
AD-629 706 13H T 66 08 HC$ 2.60 MF$ 0.50
NAFI-TR-688
AD-629 128 9A T 66 08 HC$ 3.00 MF$ 0.50
NAFI-TR-752
AD-629 274 9A T 66 08 HC$ 2.00 MF$ 0.50
NAFI-TR-774
AD-628 535 9A T 66 07 HC$ 3.00 MF$ 0.75
NAMI-950
AD-628 291 6S T 66 07 HC$ 1.60 MF$ 0.50
NAMRU-2-TR-224
AD-628 177 6F T 66 07
NAMRU-2-TR-225
AD-628 152 6E T 66 07
NAMRU-2-TR-227
AD-629 406 6E T 66 08
NARD-65-8-R
AD-628 863 9B T 66 07 HC$ 5.00 MF$ 1.25
NASA CR-283
N65-31137 20N U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-314
N65-35069 13H U 41 07 HC$ 1.00 MF$ 0.50
NASA CR-316
N66-11249 6K U 41 08 HC$ 7.00 MF$ 1.75
NASA CR-318
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00
NASA CR-319
N65-35961 20I U 41 07 HC$ 1.00 MF$ 0.50
NASA CR-320
N65-35962 12B U 41 07 HC$ 3.00 MF$ 0.75
NASA CR-321
N65-35827 1A U 41 07 HC$ 3.00 MF$ 0.50
NASA CR-322
N65-36764 5J U 41 07 HC$ 6.00 MF$ 1.25
NASA CR-324
N65-36766 14B U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-327
N66-10317 17B U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-329
N65-36768 6S U 41 07 HC$ 4.00 MF$ 0.75
NASA CR-330
N65-35963 20D U 41 07 HC$ 1.00 MF$ 0.50
NASA CR-331
N65-36773 22C U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-333
N66-10606 11F U 41 07 HC$ 3.00 MF$ 0.75
NASA CR-334
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75
NASA CR-335
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25
NASA CR-336
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25
NASA CR-337
N66-12254 20M U 41 07 HC$ 1.00 MF$ 0.50
NASA CR-341
N66-11250 22C U 41 07 HC$ 4.00 MF$ 0.75
NASA CR-342
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-343
N66-13048 9B U 41 07 HC$ 5.00 MF$ 1.00
NASA CR-347
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25
NASA CR-348
N66-12532 20I U 41 07 HC$ 1.00 MF$ 0.50
NASA CR-349
N66-12163 20J U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-351
N66-13023 22A U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-353
N66-12256 20H U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-358
N66-13241 20A U 41 07 HC$ 3.00 MF$ 0.50
NASA CR-53600
N65-24042 14B U 41 07 HC$ 1.00 MF$ 0.50
NASA CR-54159
N66-10713 22B U 41 08 HC$ 5.00 MF$ 1.25
NASA CR-54234
N65-17271 18N U 41 07 HC$ 4.00 MF$ 0.75
N65-17272 18N U 41 07 HC$ 3.00 MF$ 0.75
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-54446
N66-11619 21H U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-54474
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-54733
N66-12347 10C U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-54735
N66-12126 14B U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-54744
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-54749
N66-10655 10C U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-54752
N66-12265 10B U 41 08 HC$ 7.00 MF$ 1.75
NASA CR-54759
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-54760
N66-11246 20L U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-54761
N66-10673 11F U 41 08 HC$ 6.00 MF$ 1.50
NASA CR-54767
N66-12168 10B U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-54769
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-54773
N66-10702 11F U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-54776
N66-10701 13G U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-54777
N66-10751 11D U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-54788
N66-12149 13G U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-54790
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-54797
N66-11241 20M U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-54799
N66-11244 21H U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-54800
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-54802
N66-11245 20K U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-54804
N66-11240 22D U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-57053
N65-18488 20F U 41 07 HC$ 3.00 MF$ 0.50
NASA CR-57585
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75
NASA CR-57707
N65-20795 12A U 41 07 HC$ 3.00 MF$ 0.75
NASA CR-60049
N65-14540 17B U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-60171
N66-11689 7D U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-60779
N65-17280 20H U 41 07 HC$ 1.00 MF$ 0.50
NASA CR-60781
N65-17278 9F U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-60836
N65-17524 9A U 41 07 HC$ 3.00 MF$ 0.50
NASA CR-61106
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-61107
N66-10690 17G U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-62933
N65-25012 4A U 41 07 HC$ 2.00 MF$ 0.50
NASA CR-65166
N66-10712 11A U 41 08 HC$ 6.00 MF$ 1.25
NASA CR-65168
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-65169
N66-11876 22A U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-65178
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25
NASA CR-66026
N66-10671 21H U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-66036
N66-10691 17B U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67600
N66-10552 6K U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67605
N66-10425 20H U 41 08 HC$ 7.00 MF$ 2.00
NASA CR-67606
N65-10887 22A U 41 08 HC$ 8.00 MF$ 2.50
NASA CR-67607
N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67624
N66-10759 5I U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67625
N66-10758 5H U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67626
N66-10757 7E U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67628
N66-10639 22B U 41 08 HC$ 6.00 MF$ 1.25
NASA CR-67629
N66-10648 18N U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67631
N66-10647 20L U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67633

N66-10645
10A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67637
N66-10340
22C U 41 08 HC$ 7.00 MF$ 1.75
NASA CR-67638
N66-10040
22B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67639
N66-10643
22B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67640
N66-10641
22B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67641
N66-10642
22B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67642
N66-10644
22B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67648
N66-10638
10A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67659
N66-10636
21H U 41 08 HC$ 5.00 MF$ 1.25
NASA CR-67672
N66-10774
9C U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67679
N66-10634
11F U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67681
N66-10756
16B U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-67682
N66-10772
20H U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67686
N66-10773
6M U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-67689
N66-10755
22B U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67692
N66-10629
11J U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67695
N66-10628
20M U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67701
N66-10877
4B U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67703
N66-10881
20K U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67704
N66-10882
14B U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-67705
N66-10689
9C U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67707
N66-10888
20D U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67710
N66-10876
11F U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67711
N66-11139
20H U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67713
N66-11672
10C U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67721
N66-10886
5A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67725
N66-10878
20H U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67754
N66-10630
11J U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67760
N66-10632
13H U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67762
N66-10631
22B U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-67766
N66-10633
14A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67767
N66-10635
14A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67769
N66-10884
17G U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-67776
N66-10885
22B U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-67778
N66-10801
22B U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-67780
N66-10775
20L U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67789
N66-10610
22D U 41 08 HC$ 5.00 MF$ 1.25
NASA CR-67790
N66-10685
23B U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-67791
N66-10625
9C U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67795
N66-10686
28E U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67807
N66-10612
22B U 41 08 HC$ 6.00 MF$ 1.25
NASA CR-67809
N66-10614
21I U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67810
N66-10616
14B U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67811
N66-10683
10C U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67812
N66-10615
12A U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-67813
N66-10684
20H U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-67816
N66-10682
10A U 41 08 HC$ 5.00 MF$ 1.25
NASA CR-67818,
N66-10611
11F U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-67820
N66-10681
20H U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67821
N66-10652
7B U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-67822
N66-11401
9C U 41 08 HC$ 5.00 MF$ 1.25
NASA CR-67827
N66-10653
12A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67828
N66-10613
10A U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-67842
N66-10650
21H U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67847
N66-10649
3A U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-67863
N66-10626
12A U 41 08 HC$ 7.00 MF$ 2.00
NASA CR-67864
N66-10627
12A U 41 08 HC$ 7.00 MF$ 1.75
NASA CR-67869
N66-10617
22A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67879
N66-10618
9F U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67880
N66-10619
20H U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67883
N66-10662
22C U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-67884,
N66-10215
7C U 41 08 HC$ 5.00 MF$ 1.25
NASA CR-67906
N66-10926
10A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67913
N66-10958
4A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67914
N66-10959
20J U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-67918
N66-10929
9B U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67920
N66-10928
9B U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67921
N66-10930
13G U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67924
N66-10939
6C U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67927
N66-10956
6A U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-67930
N66-10936
14B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67933
N66-10957
20N U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-67935
N66-10938
6K U 41 08 HC$ 7.00 MF$ 2.00
NASA CR-67940
N66-10937
20K U 41 08 HC$ 7.00 MF$ 1.75
NASA CR-67942
N66-11770
6A U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67950
N66-11756
5C U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-67957
N66-12858
14D U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67959
N66-11743
14B U 41 08 HC$ 6.00 MF$ 1.50
NASA CR-67963
N66-11775
5C U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67983
N66-11761
13H U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-67987
N66-11765
10A U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-67989
N66-11181
20D U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-67990
N66-11766
7C U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-67998
N66-11763
20N U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68001
N66-11760
14E U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-68008
N66-11767
7B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68009
N66-11769
8G U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68017
N66-11752
9A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68032
N66-11670
14B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68034
N66-11669
6A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68036
N66-11747
11F U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68037
N66-11671
22D U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68039
N66-11746
11I U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68041
N66-11744
13G U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-68044
N66-11799
9E U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68048
N66-11750
7D U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68050
N66-11748
4A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68051
N66-11749
20J U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68072
N66-11808
9C U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68089
N66-12983
4B U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-68093
N66-12611
22D U 41 08 HC$ 8.45 MF$ 2.25
NASA CR-68095
N66-12187
4A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68106
N66-12248
4A U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-68153
N66-12854
13H U 41 08 HC$ 6.00 MF$ 1.50
NASA CR-68161
N66-12190
20D U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68182
N66-12928
18B U 41 08 HC$ 6.00 MF$ 1.50
NASA CR-68183
N66-12874
21H U 41 08 HC$ 5.00 MF$ 1.00
NASA CR-68184
N66-12868
22B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68186
N66-12984
1A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68216
N66-12191
14B U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68217
N66-12200
6R U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68225

N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-68227 N66-10318 9A U 41 07 HC$ 1.00 MF$ 0.50
N66-12870 10C U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68228 NASA-TM-X-1181 N66-10607 22C U 41 07 HC$ 1.00 MF$ 0.50
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68229 NASA-TM-X-1187 N66-12137 22B U 41 07 HC$ 1.00 MF$ 0.50
N66-12872 7D U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68233 NASA-TM-X-1192 N66-13238 22B U 41 07 HC$ 1.00 MF$ 0.50
N66-12873 20B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68235 NASA-TM-X-52044 N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50
N66-12860 20E U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68240 NASA-TM-X-52066 N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75
N66-12863 3B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68274 NASA-TM-X-53303 N66-11197 4A U 41 08 HC$ 1.00 MF$ 0.50
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68275 NASA-TM-X-53315 N66-10676 20K U 41 08 HC$ 4.00 MF$ 0.75
N66-12170 8B U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-68278 NASA-TM-X-53329 N66-10668 11F U 41 08 HC$ 2.00 MF$ 0.50
N66-12175 14B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68279 NASA-TM-X-53331 N66-10669 11H U 41 08 HC$ 2.00 MF$ 0.50
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-68280 NASA-TM-X-53334 N66-10689 21H U 41 08 HC$ 5.00 MF$ 1.00
N66-12172 4A U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68296 NASA-TM-X-55293 N66-10688 9B U 41 08 HC$ 2.00 MF$ 0.50
N66-13010 17B U 41 08 HC$ 4.00 MF$ 0.75
NASA CR-68297 NASA-TM-X-55294 N66-10687 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-68299 NASA-TM-X-55298 N66-10430 4A U 41 08 HC$ 2.00 MF$ 0.50
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-68303 NASA-TM-X-55300 N66-10672 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-12994 5J U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68304 NASA-TM-X-55301 N66-10674 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-12982 4A U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68305 NASA-TM-X-55302 N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68306 NASA-TM-X-55303 N66-11199 17I U 41 08 HC$ 2.00 MF$ 0.50
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68308 NASA-TM-X-55304 N66-11200 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-12980 3B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68309 NASA-TM-X-55305 N66-11201 9A U 41 08 HC$ 1.00 MF$ 0.50
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68312 NASA-TM-X-55307 N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50
N66-12967 3B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68314 NASA-TM-X-55308 N66-11204 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68363 NASA-TM-X-55309 N66-11205 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-12988 20H U 41 08 HC$ 3.00 MF$ 0.50
NASA CR-68364 NASA-TM-X-55310 N66-11206 4A U 41 08 HC$ 3.00 MF$ 0.50
N66-12976 20K U 41 08 HC$ 3.00 MF$ 0.75
NASA CR-68367 NASA-TM-X-55311 N66-11207 8K U 41 08 HC$ 3.00 MF$ 0.75
N66-12990 20L U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68370 NASA-TM-X-55312 N66-11208 10B U 41 08 HC$ 2.00 MF$ 0.50
N66-12986 8D U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68372 NASA-TM-X-55313 N66-11209 9F U 41 08 HC$ 2.00 MF$ 0.50
N66-12985 11J U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68373 NASA-TM-X-55314 N66-11210 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-12996 3B U 41 08 HC$ 1.00 MF$ 0.50
NASA CR-68374 NASA-TM-X-55315 N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50
N66-13000 21C U 41 08 HC$ 4.00 MF$ 1.00
NASA CR-68405 NASA-TM-X-55316 N66-11212 9F U 41 08 HC$ 1.00 MF$ 0.50
N66-13078 9B U 41 08 HC$ 2.00 MF$ 0.50
NASA CR-68409 NASA-TM-X-55317 N66-11213 3A U 41 08 HC$ 2.00 MF$ 0.50
N66-13082 7C U 41 08 HC$ 1.00 MF$ 0.50
NASA SP-3006 NASA-TM-X-55318 N66-11214 9A U 41 08 HC$ 2.00 MF$ 0.50
N65-15594 6C U 41 07 MF$ 2.00
NASA SP-3025, AD-629 720 NASA-TM-X-55320 N66-11215 14B U 41 08 HC$ 2.00 MF$ 0.50
11I T 66 08 HC$ 3.00 MF$ 1.50
NASA SP-5017 NASA-TM-X-55321 N66-11216 12A U 41 08 HC$ 1.00 MF$ 0.50
N65-33365 13H U 41 07 MF$ 0.50
NASA SP-5031 NASA-TM-X-55322 N66-11217 10A U 41 08 HC$ 1.00 MF$ 0.50
N66-10414 9C U 41 07 HC$ 1.00 MF$ 0.60
NASA SP-5034 NASA-TM-X-55325 N66-11220 10C U 41 08 HC$ 2.00 MF$ 0.50
N66-12344 13H U 41 07 HC$ 0.50 MF$ 0.25
NASA SP-5035 NASA-TM-X-55326 N66-11221 9F U 41 08 HC$ 1.00 MF$ 0.50
N66-10415 11F U 41 07 HC$ 0.35 MF$ 0.50
NASA SP-76 NASA-TM-X-55327 N66-11222 20H U 41 08 HC$ 2.00 MF$ 0.50
N66-10226 22B U 41 08 HC$ 4.25 MF$ 3.50
NASA TM-X-53217 NASA-TM-X-55328 N66-11223 14C U 41 08 HC$ 1.00 MF$ 0.50
N65-23781 22C U 41 07 HC$ 4.00 MF$ 0.75
NASA TM-X-55334 NASA-TM-X-55329 N66-11224 20H U 41 08 HC$ 2.00 MF$ 0.50
N66-11229 10A U 41 08 HC$ 1.00 MF$ 0.50
NASA-EP-30 NASA-TM-X-55330 N66-11225 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-10750 22A U 41 08 MF$ 0.50
NASA-SP-3020 NASA-TM-X-55331 N66-11226 20H U 41 08 HC$ 1.00 MF$ 0.50
N65-34243 20M U 41 07 HC$ 1.00 MF$ 0.50
NASA-SP-3021 NASA-TM-X-55332 N66-11227 22B U 41 08 HC$ 3.00 MF$ 0.75
N65-35792 3B U 41 07 HC$ 2.50 MF$ 1.00
NASA-SP-3022 NASA-TM-X-55333 N66-11228 11A U 41 08 HC$ 1.00 MF$ 0.50
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00
NASA-SP-5032 NASA-TM-X-55336 N66-11231 20H U 41 08 HC$ 2.00 MF$ 0.50
N65-35394 21D U 41 07 MF$ 0.75
NASA-SP-7 NASA-TM-X-55337 N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50
N66-10413 1B U 41 07 HC$ 3.00 MF$ 1.75
NASA-SP-70 NASA-TM-X-55338 N66-11233 13H U 41 08 HC$ 2.00 MF$ 0.50
N65-18566 6K U 41 07 MF$ 2.00
NASA-SP-7011 NASA-TM-X-55340 N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50
N66-10316 6S U 41 07 HC$ 1.00 MF$ 1.00
NASA-SP-7011/17/ NASA-TM-X-55343 N66-11235 17B U 41 08 HC$ 5.00 MF$ 1.25
N66-12345 6S U 41 08 HC$ 1.00 MF$ 1.00
NASA-SP-75 NASA-TM-X-56870 N66-10561 9B U 41 08 HC$ 5.00 MF$ 1.00
N65-34227 6C U 41 07 HC$ 2.00 MF$ 0.50
NASA-SP-80 NASA-TM-X-56879 N66-10680 22A U 41 08 HC$ 1.00 MF$ 0.50
N66-10381 - N66-10407 17I U 41 07 HC$ 1.75 MF$ 1.50
NASA-SP-85 NASA-TM-X-56903 N66-10651 20A U 41 08 HC$ 1.00 MF$ 0.50
N66-12401-12428 22A U 41 07 HC$ 1.50 MF$ 2.00
NASA-SP-89 NASA-TN-D-2944 N66-11251 3B U 41 07 HC$ 6.00 MF$ 1.50
N66-12130 4B U 41 08 HC$ 1.00 MF$ 0.75
NASA-TMX-53221 NASA-TN-D-2951 N66-10747 21F U 41 07 HC$ 1.00 MF$ 0.50
N65-25347 12A U 41 07 HC$ 3.00 MF$ 0.50
NASA-TM-X-1164 NASA-TN-D-2953 N65-30954 21H U 41 07 HC$ 2.00 MF$ 0.50
N65-35964 11F U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-2984

N65-35830
20F U 41 07 HC$ 6.00 MF$ 1.50
NASA-TN-D-2998
N66-12151
1C U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3002
N65-35950
20K U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3004
N65-35951
12A U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3020
N65-35954
20H U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3033
N65-35833
7D U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3042
N65-35834
9B U 41 07 HC$ 3.00 MF$ 0.50
NASA-TN-D-3047
N65-35836
3A U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3050
N65-35955
7D U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3051
N66-13016
20I U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3056
N65-36896
21H U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3058
N66-10326
20I U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3063
N65-35956
14B U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3065
N65-36774
20K U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3067
N65-35839
20H U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3069
N66-12251
22C U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3071
N66-13017
1C U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3072
N65-35840
1A U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3073
N65-35957
11D U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3077
N65-35958
1A U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3081
N65-35952
1C U 41 07 HC$ 3.00 MF$ 0.50
NASA-TN-D-3088
N66-12138
1A U 41 08 HC$ 3.00 MF$ 0.50
NASA-TN-D-3092
N66-12526
20K U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3096
N66-10333
11A U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3098
N66-10714
20D U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3100
N66-10336
14B U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3101
N66-12527
13I U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3103
N66-10748
22B U 41 07 HC$ 3.00 MF$ 0.50
NASA-TN-D-3104
N66-10604
22B U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3105
N66-12153
1C U 41 07 HC$ 3.00 MF$ 0.75
NASA-TN-D-3107
N66-11253
22A U 41 07 HC$ 3.00 MF$ 0.50
NASA-TN-D-3108
N66-13226
20H U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3112
N66-12154
22A U 41 07 HC$ 3.00 MF$ 0.50
NASA-TN-D-3114
N66-10338
11G U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3115
N66-10339
11C U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3116
N66-10667
20H U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3117
N66-10749
22A U 41 07 HC$ 3.00 MF$ 0.50
NASA-TN-D-3119
N66-12139
21F U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3120
N66-12252
7D U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3122
N66-12140
1A U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3123
N66-12141
20M U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3129
N66-13227
7D U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3130
N66-12142
11H U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3131
N66-12143
20D U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3134
N66-12144
20H U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3135
N66-12145
20L U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3136
N66-12146
21H U 41 08 HC$ 2.00 MF$ 0.50
NASA-TN-D-3137
N66-12147
20K U 41 08 HC$ 1.00 MF$ 0.50
NASA-TN-D-3141
N66-12528
7D U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3142
N66-12157
22C U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3143
N66-13291
20K U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3144
N66-12529
20I U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3145
N66-12158
22B U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3147
N66-13229
22C U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3148
N66-12530
7C U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3150
N66-13230
22B U 41 07 HC$ 4.00 MF$ 0.75
NASA-TN-D-3151
N66-13231
11F U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3152
N66-12531
1C U 41 07 HC$ 1.00 MF$ 0.50
NASA-TN-D-3153
N66-12150
22C U 41 07 HC$ 3.00 MF$ 0.75
NASA-TN-D-3155
N66-13020
22B U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3156
N66-13232
20D U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3157
N66-13021
J20K,U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3160
N66-13234
20G U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3161
N66-13235
1E U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3163
N66-13236
20D U 41 07 HC$ 2.00 MF$ 0.50
NASA-TN-D-3164
N66-13022
20H U 41 07 HC$ 3.00 MF$ 0.75
NASA-TN-D-3176
N66-13237
20D U 41 07 HC$ 1.00 MF$ 0.50
NASA-TR-R-227
N66-13024
20K U 41 07 HC$ 3.00 MF$ 0.75
NAS-NS-3002
7E U 41 08 HC$ 1.00 MF$ 0.50
NAVAIRTORPU-TN-189
AD-628 505
19H T 66 07 HC$ 2.00 MF$ 0.50
NAVMED MF022.01.04-9001
AD-628 753
5I T 66 07 HC$ 2.00 MF$ 0.50
NAVMED MF022.03.07-2003-27
AD-629 099
6C T 66 08
NAVMED MF022.03.07-2003.24
AD-628 177
6F T 66 07
NAVMED MF022.03.07.2004.14
AD-629 406
6E T 66 08
NAVMED MF022.03.07.2004.13
AD-628 152
6E T 66 07
NAVMED MR-005.06-0010.01-39
AD-628 950
6T T 66 08
NAVMED MR-005.14-3001.03-12
AD-628 949
6S T 66 08
NAVMED MR005 12.2304
AD-628 752
6E T 66 07
NAVMED MR005.02-0011.01-10
AD-628 948
6P T 66 08
NAVMED MR005.08-1200-7
AD-629 512
6R T 66 08 HC$ 1.60 MF$ 0.50
NAVMED MR005.08-1200-9
AD-467 261
6C U 41 07 HC$ 2.00 MF$ 0.50
AD-628 927
6C T 66 08 HC$ 2.00 MF$ 0.50
NAVMED MR005.08-5201-1
AD-628 360
6P T 66 07 HC$ 2.60 MF$ 0.50
AD-628 791
6R T 66 07 HC$ 2.00 MF$ 0.50
AD-628 804
6P T 66 07 HC$ 2.60 MF$ 0.50
NAVMED MR005.08-5201-2
AD-469 020
6R U 41 08 HC$ 2.00 MF$ 0.50
NAVMED MR005.09-1203.16-PT-1
AD-628 556
6E T 66 07
NAVMED MR005.09-1300.1
AD-628 126
6M T 66 07
NAVMED MR005.12-2201-1
AD-628 754
5I T 66 07
NAVMED MR005.12-7020.1.10
AD-628 124
6E T 66 07
NAVMED MR005.12-7020.1.11
AD-628 125
6M T 66 07
NAVMED MR005.12-7020.1.9
AD-628 123
6E T 66 07
NAVMED MR005.12.2004-2
AD-628 756
6E T 66 07
NAVMED MR005.13-0002.16.16
AD-628 149
5J T 66 07 HC$ 1.60 MF$ 0.50
NAVMED MR005.13-6001-127-1
AD-628 211
6P T 66 07 HC$ 1.60 MF$ 0.50
NAVMED MR005.13-6001.1-125
AD-628 291
6S T 66 07 HC$ 1.60 MF$ 0.50
NAVTRADEVCEN IH-42
AD-628 449
5J T 66 07 HC$ 6.60 MF$ 0.75
NAVTRADEVCEN 439-2
AD-628 749
9B T 66 07 HC$22.30 MF$ 1.25
NAVWEPS 8848
AD-628 999
10C T 66 08 HC$ 2.60 MF$ 0.50
NAVWEPS 8971
AD-628 896
21H T 66 08 HC$ 7.60 MF$ 0.75
NA-SA-TN-D-3158
N66-13233
19D U 41 07 HC$ 1.00 MF$ 0.50
NBL-228
7D U 41 08 HC$ 1.00 MF$ 0.50
NBS MISCELLANEOUS PUB-260-7
C13.10-260-7
11F U 41 07 MF$ 0.75
NBS MISCELLANEOUS PUB-271
C13.10-271
14B U 41 08 MF$ 1.25
NBS MONOGRAPH-82
C13.44-82
9C U 41 08 MF$ 0.50
NBS TECHNICAL NOTE-276
C13.46-276
7E U 41 07 MF$ 1.00
NBS TN-267
AD-628 586
20M T 66 07 HC$ 0.45 MF$ 0.75
NBS TN-326
C13.46:326
4A U 41 08 MF$ 0.75
NBS TN-330
AD-628 178
20N T 66 07 MF$ 0.50
NBS-TN-275
C13.46-275
7D U 41 07 MF$ 0.75
NBS-7921
N66-10772
20M U 41 08 HC$ 2.00 MF$ 0.50
NCR-ED TECHNICAL-PUB-3619
AD-457 165
9B U 41 07 HC$ 2.00
NCSC-2663-16
20B U 41 08 HC$ 1.00 MF$ 0.50
NCSC-2981-1
18J U 41 07 HC$ 1.00 MF$ 0.50
NCSC-2981-2
18J U 41 07 HC$ 1.00 MF$ 0.50
NCSC-2981-3
18J U 41 07 HC$ 1.00 MF$ 0.50

NCSC-2981-5 18J U 41 07 HC$ 1.00 MF$ 0.50
NCSC-2981-6 18J U 41 07 HC$ 1.00 MF$ 0.50
NCSC-2981-7 18J U 41 07 HC$ 1.00 MF$ 0.50
NCSC-2981-8 18J U 41 07 HC$ 1.00 MF$ 0.50
NEL-1232
AD-449 746 14B U 41 07 HC$ 2.00
NEL-1240
AD-451 653 20N U 41 07 HC$ 1.00
NEL-1290
AD-467 351 20A U 41 07 HC$ 2.00 MF$ 0.50
NEL-1346
AD-629 645 20N T 66 08 HC$ 2.00 MF$ 0.50
NM 001-101-105-02
AD-467 974 6S U 41 07 HC$ 1.00 MF$ 0.50
NM 001-102-502-3
AD-468 342 14B U 41 08 HC$ 1.00 MF$ 0.50
NM 001-102-502-4
AD-468 341 5J U 41 08 HC$ 1.00 MF$ 0.50
NM 001-108-100-11
AD-468 190 5J U 41 07 HC$ 1.00 MF$ 0.50
NM 001-108-100-17
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50
NM 001-108-108-01
AD-467 959 6P U 41 07 HC$ 1.00 MF$ 0.50
NM 001-110-100-44
AD-468 151 6S U 41 07 HC$ 1.00 MF$ 0.50
NM 11-02-11-1-1
AD-468 310 6S U 41 08 HC$ 1.00 MF$ 0.50
NM 14-02-11-1-21
AD-468 261 5I U 41 08 HC$ 1.00 MF$ 0.50
NM 16-01-11-1-13
AD-467 983 5I U 41 07 HC$ 2.00 MF$ 0.50
NM 17-01-11-1-45
AD-468 195 6S U 41 07 HC$ 1.00 MF$ 0.50
NOLC-638
AD-629 353 9E T 66 08 HC$ 1.00 MF$ 0.50
NOLC-641
AD-629 722 17I T 66 08 HC$ 2.00 MF$ 0.50
NOLTR 65-233
AD-629 428 20K T 66 08 HC$ 2.60 MF$ 0.50
NOLTR-65-236
AD-628 488 9A T 66 07 HC$ 2.60 MF$ 0.50
NOLTR-65-237
AD-628 486 9E T 66 07 HC$ 1.60 MF$ 0.50
NOLTR-65-238
AD-628 487 9A T 66 07 HC$ 3.60 MF$ 0.50
NOLTR-66-3
AD-628 936 20A T 66 08 HC$ 3.60 MF$ 0.50
NOTS-TP-3828
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50
NOTS-TP-3829
AD-462 609 11F U 41 07 HC$ 1.00
NOTS-TP-3932
AD-628 896 21H T 66 08 HC$ 7.60 MF$ 0.75
NOTS-TP-3941
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50
NRC 8705
AD-629 747 7D T 66 08
NRC 8734
AD-629 748 7C T 66 08
NRC 8757
AD-629 746 7C T 66 08
NRC 8767
AD-629 742 7C T 66 08
NRC 8773
AD-629 751 7C T 66 08
NRC 8774
AD-629 750 7C T 66 08
NRC 8780
AD-629 749 20B T 66 08
NRC 8809
AD-629 745 20B T 66 08
NRC 8858
AD-629 743 9E T 66 08
NRC 8871
AD-629 752 14B T 66 08
NRE-65/8
AD-628 810 11B T 66 07
NRL-MR-1099
AD-628 894 21H T 66 08 HC$ 4.60 MF$ 0.50
NRL-MR-1670
AD-628 986 20N T 66 08 HC$ 4.00 MF$ 0.75
NRL-MR-1673
AD-628 870 20L T 66 07 HC$ 3.60 MF$ 0.50
NRL-6330
AD-628 277 11F T 66 07 HC$ 1.60 MF$ 0.50
NRL-6338
AD-629 914 11H T 66 08 HC$ 1.00 MF$ 0.50
NRL-6344
AD-628 916 8J T 66 08 HC$ 1.00 MF$ 0.50
NRL-6350
AD-628 278 8L T 66 07 HC$ 2.60 MF$ 0.50
NRL-6366
AD-628 928 20G T 66 08 HC$ 5.60 MF$ 0.50
NSAM-215
AD-468 238 5J U 41 08 HC$ 1.00 MF$ 0.50
NSAM-406
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50
NSAM-407
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50
NSAM-408
AD-467 970 6S U 41 07 HC$ 1.00 MF$ 0.50
NSAM-411
AD-467 972 6S U 41 07 HC$ 1.00 MF$ 0.50
NSAM-418
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50
NSAM-926
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50
NSL-64-29-8
N66-12200 6R U 41 08 HC$ 1.00 MF$ 0.50
NSL-65-16
N66-10628 20M U 41 08 HC$ 3.00 MF$ 0.75
NSL-65-5
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00
NU-GDL-B-2-65
AD-628 918 20I T 66 08 HC$ 3.00 MF$ 0.50
NWRC-RM-34
AD-629 609 17G T 66 08 HC$ 4.00 MF$ 1.00
NYO 2174-33,
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50
NYO 3145-5
AD-467 697 7E U 41 07 HC$ 1.00 MF$ 0.50
NYO-1082-1 20H U 41 07 HC$ 2.00 MF$ 0.50
NYO-2262-86 20H U 41 07 HC$ 3.00 MF$ 0.75
NYO-2394-12 11F U 41 07 HC$ 1.00 MF$ 0.50
NYO-2415-12 18H U 41 08 HC$ 2.00 MF$ 0.50
NYO-2539-3 13D U 41 07 HC$ 1.00 MF$ 0.50
NYO-2543-1 7D U 41 07 HC$ 6.00 MF$ 1.25
NYO-2811-21 20B U 41 07 HC$ 3.00 MF$ 0.75
NYO-2811-23 20B U 41 07 HC$ 3.00 MF$ 0.75
NYO-3114-5 20D U 41 07 HC$ 2.00 MF$ 0.50
NYO-3337-16 13H U 41 07 HC$ 1.50 MF$ 1.00
NYU-AA-65-6
AD-629 094 20D T 66 08 HC$ 6.60 MF$ 0.75
N63 19554
AD-417 124 4B U 41 07 HC$ 7.25
N63 22941
AD-407 604 20C U 41 07 HC$ 1.00
N64 18047
AD-425 715 18N U 41 07 HC$ 1.00
N65 12578
AD-451 427 13K U 41 08 HC$ 7.60
N65 18 410
AD-457 952 14E U 41 08 HC$ 2.00
N65 31693
AD-467 571 6R U 41 08 HC$ 3.60 MF$ 0.50
N65 33495
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50
N65 34551
AD-468 153 14E U 41 08 HC$ 3.00 MF$ 0.75
N65-14540 17B U 41 07 HC$ 2.00 MF$ 0.50
N65-15594 6C U 41 07 MF$ 2.00
N65-17259 9E U 41 07 HC$ 3.00 MF$ 0.75
N65-17271 18N U 41 07 HC$ 4.00 MF$ 0.75
N65-17272 18N U 41 07 HC$ 3.00 MF$ 0.75
N65-17273 18N U 41 07 HC$ 2.00 MF$ 0.50
N65-17278 9F U 41 07 HC$ 2.00 MF$ 0.50
N65-17280 20H U 41 07 HC$ 1.00 MF$ 0.50
N65-17524 9A U 41 07 HC$ 3.00 MF$ 0.50
N65-18488 20F U 41 07 HC$ 3.00 MF$ 0.50
N65-18566 6K U 41 07 MF$ 2.00
N65-20625 6A U 41 07 HC$ 3.00 MF$ 0.75
N65-20795 12A U 41 07 HC$ 3.00 MF$ 0.75
N65-23781 22C U 41 07 HC$ 4.00 MF$ 0.75
N65-24042 14B U 41 07 HC$ 1.00 MF$ 0.50
N65-25012 4A U 41 07 HC$ 2.00 MF$ 0.50
N65-25347 12A U 41 07 HC$ 3.00 MF$ 0.50
N65-30954 21H U 41 07 HC$ 2.00 MF$ 0.50
N65-31137 20N U 41 07 HC$ 2.00 MF$ 0.50
N65-33365 13H U 41 07 MF$ 0.50
N65-34227 6C U 41 07 HC$ 2.00 MF$ 0.50
N65-34243 20M U 41 07 HC$ 1.00 MF$ 0.50
N65-35069 13H U 41 07 HC$ 1.00 MF$ 0.50
N65-35394 21D U 41 07 MF$ 0.75
N65-35792 3B U 41 07 HC$ 2.50 MF$ 1.00
N65-35827 1A U 41 07 HC$ 3.00 MF$ 0.50
N65-35830 20F U 41 07 HC$ 6.00 MF$ 1.50
N65-35833 7D U 41 07 HC$ 1.00 MF$ 0.50
N65-35834 9B U 41 07 HC$ 3.00 MF$ 0.50
N65-35836 3A U 41 07 HC$ 1.00 MF$ 0.50
N65-35839 20H U 41 07 HC$ 2.00 MF$ 0.50
N65-35840 1A U 41 07 HC$ 2.00 MF$ 0.50
N65-35950 20K U 41 07 HC$ 1.00 MF$ 0.50
N65-35951 12A U 41 07 HC$ 2.00 MF$ 0.50
N65-35952 1C U 41 07 HC$ 3.00 MF$ 0.50
N65-35954 20H U 41 07 HC$ 1.00 MF$ 0.50
N65-35955 7D U 41 07 HC$ 1.00 MF$ 0.50
N65-35956 14B U 41 07 HC$ 1.00 MF$ 0.50
N65-35957 11D U 41 07 HC$ 2.00 MF$ 0.50
N65-35958 1A U 41 07 HC$ 1.00 MF$ 0.50
N65-35960 9B U 41 07 HC$ 5.00 MF$ 1.00
N65-35961 20I U 41 07 HC$ 1.00 MF$ 0.50
N65-35962 12B U 41 07 HC$ 3.00 MF$ 0.75
N65-35963 20D U 41 07 HC$ 1.00 MF$ 0.50
N65-35964 11F U 41 07 HC$ 1.00 MF$ 0.50
N65-36764 5J U 41 07 HC$ 6.00 MF$ 1.25
N65-36766 14B U 41 07 HC$ 2.00 MF$ 0.50
N65-36768 6S U 41 07 HC$ 4.00 MF$ 0.75
N65-36773 22C U 41 07 HC$ 2.00 MF$ 0.50
N65-36774 20K U 41 07 HC$ 2.00 MF$ 0.50
N65-36896 21H U 41 07 HC$ 2.00 MF$ 0.50
N66-10215 7C U 41 08 HC$ 5.00 MF$ 1.25
N66-10226 22B U 41 08 HC$ 4.25 MF$ 3.50
N66-10316 6S U 41 07 HC$ 1.00 MF$ 1.00
N66-10317 17B U 41 07 HC$ 2.00 MF$ 0.50
N66-10318 9A U 41 07 HC$ 1.00 MF$ 0.50
N66-10326 20I U 41 07 HC$ 1.00 MF$ 0.50
N66-10333 11A U 41 07 HC$ 1.00 MF$ 0.50
N66-10335 20D U 41 08 HC$ 1.00 MF$ 0.50
N66-10336 14B U 41 07 HC$ 1.00 MF$ 0.50
N66-10338 11G U 41 07 HC$ 1.00 MF$ 0.50
N66-10339 11C U 41 07 HC$ 1.00 MF$ 0.50
N66-10340 22C U 41 08 HC$ 7.00 MF$ 1.75
N66-10381 - N66-10407 17I U 41 07 HC$ 1.75 MF$ 1.50
N66-10413 1B U 41 07 HC$ 3.88 MF$ 1.75
N66-10414 9C U 41 07 HC$ 1.00 MF$ 0.60
N66-10415 11F U 41 07 HC$ 0.35 MF$ 0.50
N66-10425 20H U 41 08 HC$ 7.00 MF$ 2.00
N66-10430 9A U 41 08 HC$ 2.00 MF$ 0.50
N66-10552 6K U 41 08 HC$ 2.00 MF$ 0.50
N66-10561 9B U 41 08 HC$ 5.00 MF$ 1.00
N66-10604 22B U 41 07 HC$ 2.00 MF$ 0.50

N66-10606 11F U 41 07 HC$ 3.00 MF$ 0.75
N66-10607 22C U 41 07 HC$ 1.00 MF$ 0.50
N66-10610 22D U 41 08 HC$ 5.00 MF$ 1.25
N66-10611 11F U 41 08 HC$ 5.00 MF$ 1.00
N66-10612 22B U 41 08 HC$ 6.00 MF$ 1.25
N66-10613 10A U 41 08 HC$ 4.00 MF$ 1.00
N66-10614 21I U 41 08 HC$ 2.00 MF$ 0.50
N66-10615 12A U 41 08 HC$ 3.00 MF$ 0.50
N66-10616 14B U 41 08 HC$ 3.00 MF$ 0.75
N66-10617 22A U 41 08 HC$ 2.00 MF$ 0.50
N66-10618 9F U 41 08 HC$ 2.00 MF$ 0.50
N66-10619 20M U 41 08 HC$ 1.00 MF$ 0.50
N66-10625 9C U 41 08 HC$ 2.00 MF$ 0.50
N66-10626 12A U 41 08 HC$ 7.00 MF$ 2.00
N66-10627 12A U 41 08 HC$ 7.00 MF$ 1.75
N66-10628 20M U 41 08 HC$ 3.00 MF$ 0.75
N66-10629 11J U 41 08 HC$ 1.00 MF$ 0.50
N66-10630 11J U 41 08 HC$ 1.00 MF$ 0.50
N66-10631 22B U 41 08 HC$ 5.00 MF$ 1.00
N66-10632 13H U 41 08 HC$ 3.00 MF$ 0.75
N66-10633 14A U 41 08 HC$ 2.00 MF$ 0.50
N66-10634 11F U 41 08 HC$ 1.00 MF$ 0.50
N66-10635 14A U 41 08 HC$ 2.00 MF$ 0.50
N66-10636 21H U 41 08 HC$ 5.00 MF$ 1.25
N66-10638 10A U 41 08 HC$ 1.00 MF$ 0.50
N66-10639 22B U 41 08 HC$ 6.00 MF$ 1.25
N66-10640 22B U 41 08 HC$ 1.00 MF$ 0.50
N66-10641 22B U 41 08 HC$ 1.00 MF$ 0.50
N66-10642 22B U 41 08 HC$ 1.00 MF$ 0.50
N66-10643 22B U 41 08 HC$ 1.00 MF$ 0.50
N66-10644 22B U 41 08 HC$ 1.00 MF$ 0.50
N66-10645 10A U 41 08 HC$ 1.00 MF$ 0.50
N66-10647 20L U 41 08 HC$ 1.00 MF$ 0.50
N66-10648 18N U 41 08 HC$ 3.00 MF$ 0.75
N66-10649 3A U 41 08 HC$ 4.00 MF$ 1.00
N66-10650 21H U 41 08 HC$ 2.00 MF$ 0.50
N66-10651 20A U 41 08 HC$ 1.00 MF$ 0.50
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75
N66-10653 12A U 41 08 HC$ 1.00 MF$ 0.50
N66-10655 10C U 41 08 HC$ 4.00 MF$ 0.75
N66-10662 22C U 41 08 HC$ 4.00 MF$ 1.00
N66-10667 20H U 41 07 HC$ 2.00 MF$ 0.50
N66-10668 11F U 41 08 HC$ 2.00 MF$ 0.50
N66-10669 11H U 41 08 HC$ 2.00 MF$ 0.50
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50
N66-10671 21H U 41 08 HC$ 3.00 MF$ 0.75
N66-10672 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-10673 11F U 41 08 HC$ 6.00 MF$ 1.50
N66-10674 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-10675 18J U 41 08 HC$ 1.00 MF$ 0.50
N66-10676 20K U 41 08 HC$ 4.00 MF$ 0.75
N66-10681 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-10682 10A U 41 08 HC$ 5.00 MF$ 1.25
N66-10683 10C U 41 08 HC$ 2.00 MF$ 0.50
N66-10684 20H U 41 08 HC$ 5.00 MF$ 1.00
N66-10685 23B U 41 08 HC$ 4.00 MF$ 1.00
N66-10686 28E U 41 08 HC$ 2.00 MF$ 0.50
N66-10687 20M U 41 08 HC$ 1.00 MF$ 0.50
N66-10688 9B U 41 08 HC$ 2.00 MF$ 0.50
N66-10689 21H U 41 08 HC$ 5.00 MF$ 1.00
N66-10690 17G U 41 08 HC$ 2.00 MF$ 0.50
N66-10691 17B U 41 08 HC$ 3.00 MF$ 0.75
N66-10701 13G U 41 08 HC$ 1.00 MF$ 0.50
N66-10702 11F U 41 08 HC$ 4.00 MF$ 0.75
N66-10703 22A U 41 08 HC$ 2.00 MF$ 0.50
N66-10712 11A U 41 08 HC$ 6.00 MF$ 1.25
N66-10713 22B U 41 08 HC$ 5.00 MF$ 1.25
N66-10714 20D U 41 07 HC$ 1.00 MF$ 0.50
N66-10747 21F U 41 07 HC$ 1.00 MF$ 0.50
N66-10748 22B U 41 07 HC$ 3.00 MF$ 0.50
N66-10749 22A U 41 07 HC$ 3.00 MF$ 0.50
N66-10750 22A U 41 08 MF$ 0.50
N66-10751 11D U 41 08 HC$ 3.00 MF$ 0.75
N66-10752 10B U 41 08 HC$ 2.00 MF$ 0.50
N66-10755 22B U 41 08 HC$ 2.00 MF$ 0.50
N66-10756 16B U 41 08 HC$ 4.00 MF$ 0.75
N66-10757 7E U 41 08 HC$ 3.00 MF$ 0.75
N66-10758 5H U 41 08 HC$ 2.00 MF$ 0.50
N66-10759 5I U 41 08 HC$ 1.00 MF$ 0.50
N66-10772 20M U 41 08 HC$ 2.00 MF$ 0.50
N66-10773 6M U 41 08 HC$ 3.00 MF$ 0.50
N66-10774 9C U 41 08 HC$ 2.00 MF$ 0.50
N66-10775 20L U 41 08 HC$ 2.00 MF$ 0.50
N66-10801 22B U 41 08 HC$ 4.00 MF$ 0.75
N66-10876 11F U 41 08 HC$ 1.00 MF$ 0.50
N66-10877 4B U 41 08 HC$ 2.00 MF$ 0.50
N66-10878 20H U 41 08 HC$ 3.00 MF$ 0.75
N66-10880 22A U 41 08 HC$ 1.00 MF$ 0.50
N66-10881 20K U 41 08 HC$ 3.00 MF$ 0.75
N66-10882 14B U 41 08 HC$ 5.00 MF$ 1.00
N66-10883 10A U 41 08 HC$ 1.00 MF$ 0.50
N66-10884 17G U 41 08 HC$ 5.00 MF$ 1.00
N66-10885 22B U 41 08 HC$ 5.00 MF$ 1.00
N66-10886 5A U 41 08 HC$ 1.00 MF$ 0.50
N66-10887 22A U 41 08 HC$ 8.00 MF$ 2.50
N66-10888 20D U 41 08 HC$ 3.00 MF$ 0.75
N66-10889 9C U 41 08 HC$ 1.00 MF$ 0.50
N66-10926 10A U 41 08 HC$ 2.00 MF$ 0.50
N66-10928 9B U 41 08 HC$ 3.00 MF$ 0.75
N66-10929 9B U 41 08 HC$ 2.00 MF$ 0.50
N66-10930 13G U 41 08 HC$ 2.00 MF$ 0.50
N66-10936 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-10937 20K U 41 08 HC$ 7.00 MF$ 1.75
N66-10938 6K U 41 08 HC$ 7.00 MF$ 2.00
N66-10939 6C U 41 08 HC$ 3.00 MF$ 0.75
N66-10956 6A U 41 08 HC$ 4.00 MF$ 0.75
N66-10957 20N U 41 08 HC$ 3.00 MF$ 0.50
N66-10958 4A U 41 08 HC$ 2.00 MF$ 0.50
N66-10959 20J U 41 08 HC$ 4.00 MF$ 0.75
N66-11139 20H U 41 08 HC$ 3.00 MF$ 0.75
N66-11181 20D U 41 08 HC$ 5.00 MF$ 1.00

N66-11197 4A U 41 08 HC$ 1.00 MF$ 0.50
N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00
N66-11199 17I U 41 08 HC$ 2.00 MF$ 0.50
N66-11200 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-11201 9A U 41 08 HC$ 1.00 MF$ 0.50
N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50
N66-11204 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-11205 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-11206 4A U 41 08 HC$ 3.00 MF$ 0.50
N66-11207 8K U 41 08 HC$ 3.00 MF$ 0.75
N66-11208 10B U 41 08 HC$ 2.00 MF$ 0.50
N66-11209 9F U 41 08 HC$ 2.00 MF$ 0.50
N66-11210 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50
N66-11212 9F U 41 08 HC$ 1.00 MF$ 0.50
N66-11213 3A U 41 08 HC$ 2.00 MF$ 0.50
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50
N66-11215 14R U 41 08 HC$ 2.00 MF$ 0.50
N66-11216 12A U 41 08 HC$ 1.00 MF$ 0.50
N66-11217 10A U 41 08 HC$ 1.00 MF$ 0.50
N66-11220 10C U 41 08 HC$ 2.00 MF$ 0.50
N66-11221 9F U 41 08 HC$ 1.00 MF$ 0.50
N66-11222 20H U 41 08 HC$ 2.00 MF$ 0.50
N66-11223 14C U 41 08 HC$ 1.00 MF$ 0.50
N66-11224 20H U 41 08 HC$ 2.00 MF$ 0.50
N66-11225 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-11226 20M U 41 08 HC$ 1.00 MF$ 0.50
N66-11227 22B U 41 08 HC$ 3.00 MF$ 0.75
N66-11228 11A U 41 08 HC$ 1.00 MF$ 0.50
N66-11229 10A U 41 08 HC$ 1.00 MF$ 0.50
N66-11231 20M U 41 08 HC$ 2.00 MF$ 0.50
N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50
N66-11233 13H U 41 08 HC$ 2.00 MF$ 0.50
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50
N66-11235 17B U 41 08 HC$ 5.00 MF$ 1.25
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50
N66-11240 22D U 41 08 HC$ 4.00 MF$ 0.75
N66-11241 20M U 41 08 HC$ 1.00 MF$ 0.50
N66-11243 11A U 41 08 HC$ 2.00 MF$ 0.50
N66-11244 21H U 41 08 HC$ 3.00 MF$ 0.50
N66-11245 20K U 41 08 HC$ 1.00 MF$ 0.50
N66-11246 20L U 41 08 HC$ 3.00 MF$ 0.75
N66-11247 10C U 41 08 HC$ 4.00 MF$ 1.00
N66-11249 6K U 41 08 HC$ 7.00 MF$ 1.75
N66-11250 22C U 41 07 HC$ 4.00 MF$ 0.75
N66-11251 3B U 41 07 HC$ 6.00 MF$ 1.50
N66-11253 22A U 41 07 HC$ 3.00 MF$ 0.50
N66-11401 9C U 41 08 HC$ 5.00 MF$ 1.25
N66-11619 21H U 41 08 HC$ 4.00 MF$ 1.00
N66-11627 18L U 41 08 HC$ 3.00 MF$ 0.50
N66-11628 18L U 41 08 HC$ 3.00 MF$ 0.75
N66-11669 6A U 41 08 HC$ 1.00 MF$ 0.50
N66-11670 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-11671 22D U 41 08 HC$ 3.00 MF$ 0.75
N66-11672 10C U 41 08 HC$ 1.00 MF$ 0.50
N66-11689 7D U 41 08 HC$ 1.00 MF$ 0.50
N66-11743 14B U 41 08 HC$ 6.00 MF$ 1.50
N66-11744 13B U 41 08 HC$ 3.00 MF$ 0.50
N66-11746 11I U 41 08 HC$ 1.00 MF$ 0.50
N66-11747 11F U 41 08 HC$ 3.00 MF$ 0.75
N66-11748 4A U 41 08 HC$ 2.00 MF$ 0.50
N66-11749 20J U 41 08 HC$ 1.00 MF$ 0.50
N66-11750 7D U 41 08 HC$ 1.00 MF$ 0.50
N66-11752 9A U 41 08 HC$ 1.00 MF$ 0.50
N66-11756 5C U 41 08 HC$ 2.00 MF$ 0.50
N66-11760 14E U 41 08 HC$ 4.00 MF$ 1.00
N66-11761 13H U 41 08 HC$ 4.00 MF$ 1.00
N66-11763 20N U 41 08 HC$ 1.00 MF$ 0.50
N66-11765 10A U 41 08 HC$ 3.00 MF$ 0.75
N66-11766 7C U 41 08 HC$ 1.00 MF$ 0.50
N66-11767 7B U 41 08 HC$ 1.00 MF$ 0.50
N66-11769 8G U 41 08 HC$ 1.00 MF$ 0.50
N66-11770 6A U 41 08 HC$ 3.00 MF$ 0.75
N66-11775 5C U 41 08 HC$ 1.00 MF$ 0.50
N66-11799 9E U 41 08 HC$ 3.00 MF$ 0.75
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75
N66-11876 22A U 41 08 HC$ 5.00 MF$ 1.00
N66-12126 14B U 41 08 HC$ 4.00 MF$ 0.75
N66-12127 5H U 41 08 HC$ 6.00 MF$ 1.25
N66-12128 10C U 41 07 HC$ 6.00 MF$ 1.25
N66-12130 4B U 41 08 HC$ 1.00 MF$ 0.75
N66-12137 22B U 41 07 HC$ 1.00 MF$ 0.50
N66-12138 1A U 41 08 HC$ 3.00 MF$ 0.50
N66-12139 21F U 41 08 HC$ 1.00 MF$ 0.50
N66-12140 1A U 41 08 HC$ 1.00 MF$ 0.50
N66-12141 20M U 41 08 HC$ 1.00 MF$ 0.50
N66-12142 11H U 41 08 HC$ 1.00 MF$ 0.50
N66-12143 20D U 41 08 HC$ 1.00 MF$ 0.50
N66-12144 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-12145 20L U 41 08 HC$ 1.00 MF$ 0.50
N66-12146 21H U 41 08 HC$ 2.00 MF$ 0.50
N66-12147 20K U 41 08 HC$ 1.00 MF$ 0.50
N66-12149 13G U 41 08 HC$ 4.00 MF$ 1.00
N66-12150 22C U 41 07 HC$ 3.00 MF$ 0.75
N66-12151 1C U 41 07 HC$ 2.00 MF$ 0.50
N66-12153 1C U 41 07 HC$ 3.00 MF$ 0.75
N66-12154 22A U 41 07 HC$ 3.00 MF$ 0.50
N66-12157 22C U 41 07 HC$ 2.00 MF$ 0.50
N66-12158 22B U 41 07 HC$ 2.00 MF$ 0.50
N66-12159 20H U 41 07 HC$ 3.00 MF$ 0.75
N66-12162 5H U 41 08 HC$ 2.00 MF$ 0.50
N66-12163 20J U 41 08 HC$ 2.00 MF$ 0.50
N66-12168 10B U 41 08 HC$ 3.00 MF$ 0.75
N66-12170 8B U 41 08 HC$ 4.00 MF$ 0.75
N66-12171 8B U 41 08 HC$ 3.00 MF$ 0.75
N66-12172 4A U 41 08 HC$ 1.00 MF$ 0.50
N66-12175 14B U 41 08 HC$ 1.00 MF$ 0.50
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50
N66-12187 4A U 41 08 HC$ 1.00 MF$ 0.50
N66-12190 20D U 41 08 HC$ 3.00 MF$ 0.75

N66-12191 14B U 41 08 HC$ 2.00 MF$ 0.50
N66-12200 6R U 41 08 HC$ 1.00 MF$ 0.50
N66-12248 4A U 41 08 HC$ 4.00 MF$ 1.00
N66-12251 22C U 41 07 HC$ 2.00 MF$ 0.50
N66-12252 7D U 41 07 HC$ 2.00 MF$ 0.50
N66-12254 20M U 41 07 HC$ 1.00 MF$ 0.50
N66-12256 20M U 41 07 HC$ 2.00 MF$ 0.50
N66-12265 10B U 41 08 HC$ 7.00 MF$ 1.75
N66-12344 13H U 41 07 HC$ 0.50 MF$ 0.25
N66-12345 6S U 41 08 HC$ 1.00 MF$ 1.00
N66-12347 10C U 41 08 HC$ 4.00 MF$ 1.00
N66-12401-12428 22A U 41 07 HC$ 1.50 MF$ 2.00
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25
N66-12526 20K U 41 08 HC$ 1.00 MF$ 0.50
N66-12527 13I U 41 07 HC$ 1.00 MF$ 0.50
N66-12528 7D U 41 07 HC$ 1.00 MF$ 0.50
N66-12529 20I U 41 07 HC$ 1.00 MF$ 0.50
N66-12530 7C U 41 07 HC$ 1.00 MF$ 0.50
N66-12531 1C U 41 07 HC$ 1.00 MF$ 0.50
N66-12532 20I U 41 07 HC$ 1.00 MF$ 0.50
N66-12611 22D U 41 08 HC$ 8.45 MF$ 2.25
N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50
N66-12854 13H U 41 08 HC$ 6.00 MF$ 1.50
N66-12858 14D U 41 08 HC$ 1.00 MF$ 0.50
N66-12860 20E U 41 08 HC$ 3.00 MF$ 0.75
N66-12863 3B U 41 08 HC$ 1.00 MF$ 0.50
N66-12868 22B U 41 08 HC$ 1.00 MF$ 0.50
N66-12870 10C U 41 08 HC$ 2.00 MF$ 0.50
N66-12871 19I U 41 08 HC$ 2.00 MF$ 0.50
N66-12872 7D U 41 08 HC$ 2.00 MF$ 0.50
N66-12873 20B U 41 08 HC$ 1.00 MF$ 0.50
N66-12874 21H U 41 08 HC$ 5.00 MF$ 1.00
N66-12928 18B U 41 08 HC$ 6.00 MF$ 1.50
N66-12962 20F U 41 08 HC$ 3.00 MF$ 0.50
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50
N66-12966 20H U 41 08 HC$ 1.00 MF$ 0.50
N66-12967 3B U 41 08 HC$ 1.00 MF$ 0.50
N66-12972 6S U 41 08 HC$ 1.00 MF$ 0.50
N66-12976 20K U 41 08 HC$ 3.00 MF$ 0.75
N66-12979 20I U 41 08 HC$ 3.00 MF$ 0.75
N66-12980 3B U 41 08 HC$ 1.00 MF$ 0.50
N66-12981 8G U 41 08 HC$ 1.00 MF$ 0.50
N66-12982 4A U 41 08 HC$ 2.00 MF$ 0.50
N66-12983 4B U 41 08 HC$ 3.00 MF$ 0.50
N66-12984 1A U 41 08 HC$ 2.00 MF$ 0.50
N66-12985 11J U 41 08 HC$ 1.00 MF$ 0.50
N66-12986 8D U 41 08 HC$ 2.00 MF$ 0.50
N66-12988 20H U 41 08 HC$ 3.00 MF$ 0.50
N66-12990 20L U 41 08 HC$ 2.00 MF$ 0.50
N66-12994 5J U 41 08 HC$ 1.00 MF$ 0.50
N66-12996 3B U 41 08 HC$ 1.00 MF$ 0.50
N66-13000 21C U 41 08 HC$ 4.00 MF$ 1.00
N66-13010 17B U 41 08 HC$ 4.00 MF$ 0.75
N66-13016 20I U 41 07 HC$ 1.00 MF$ 0.50
N66-13017 1C U 41 07 HC$ 1.00 MF$ 0.50
N66-13020 22B U 41 07 HC$ 2.00 MF$ 0.50
N66-13021 20K U 41 07 HC$ 2.00 MF$ 0.50
N66-13022 20H U 41 07 HC$ 3.00 MF$ 0.75
N66-13023 22A U 41 08 HC$ 4.00 MF$ 0.75
N66-13024 20K U 41 07 HC$ 3.00 MF$ 0.75
N66-13046 20C U 41 07 HC$ 1.00 MF$ 1.00
N66-13047 22B U 41 07 HC$ 5.00 MF$ 1.25
N66-13048 9B U 41 07 HC$ 5.00 MF$ 1.00
N66-13078 9B U 41 08 HC$ 2.00 MF$ 0.50
N66-13082 7C U 41 08 HC$ 1.00 MF$ 0.50
N66-13226 20H U 41 07 HC$ 1.00 MF$ 0.50
N66-13227 7D U 41 07 HC$ 2.00 MF$ 0.50
N66-13229 22C U 41 07 HC$ 2.00 MF$ 0.50
N66-13230 22B U 41 07 HC$ 4.00 MF$ 0.75
N66-13231 11F U 41 07 HC$ 2.00 MF$ 0.50
N66-13232 20D U 41 07 HC$ 2.00 MF$ 0.50
N66-13233 19D U 41 07 HC$ 1.00 MF$ 0.50
N66-13234 20G U 41 07 HC$ 2.00 MF$ 0.50
N66-13235 1E U 41 07 HC$ 2.00 MF$ 0.50
N66-13236 20D U 41 07 HC$ 2.00 MF$ 0.50
N66-13237 20D U 41 07 HC$ 1.00 MF$ 0.50
N66-13238 22B U 41 07 HC$ 1.00 MF$ 0.50
N66-13241 20A U 41 07 HC$ 3.00 MF$ 0.50
N66-13291 20K U 41 07 HC$ 1.00 MF$ 0.50
N672
AD-456 491 11L U 41 07 HC$ 1.00
ONR TR-80
AD-628 496 9B T 66 07 HC$ 3.00 MF$ 0.75
ONR-TR-82
AD-628 503 11I T 66 07 HC$ 3.60 MF$ 0.50
ONR-23
AD-628 895 5B T 66 08 MF$ 0.50
ORINS-48 7B U 41 07 HC$ 1.00 MF$ 0.50
ORNL-P-1278 18L U 41 08 HC$ 1.00 MF$ 0.50
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50
ORNL-3765 18G U 41 07 HC$ 1.00 MF$ 0.50
ORNL-3830 7A U 41 08 HC$ 7.00 MF$ 1.50
ORNL-3843 18G U 41 07 HC$ 6.00 MF$ 1.00
ORNL-3849 6R U 41 07 HC$ 6.00 MF$ 1.25
ORNL-3858, VOL. 1 20H U 41 07 HC$ 2.00 MF$ 0.50
ORNL-3858, VOL. 2 20H U 41 07 HC$ 3.00 MF$ 0.75
ORNL-3861 18B U 41 07 HC$ 3.00 MF$ 0.50
ORNL-3863 7A U 41 08 HC$ 2.00 MF$ 0.50
ORNL-3876 7B U 41 07 HC$ 2.00 MF$ 0.50
ORNL-3877 9B U 41 07 HC$ 1.00 MF$ 0.50
ORNL-3878 18J U 41 08 HC$ 3.00 MF$ 0.75
ORNL-3883 6M U 41 07 HC$ 2.00 MF$ 0.50
ORNL-3895 20H U 41 08 HC$ 3.00 MF$ 0.50
ORNL-3898 18N U 41 08 HC$ 6.00 MF$ 1.25
OR-6608
N66-12178 9A U 41 08 HC$ 4.00 MF$ 1.00
OSURF-1935-4
AD-466 176 20E U 41 08 HC$ 1.00 MF$ 0.50
OSURF-1935-5
AD-466 177 20E U 41 08 HC$ 2.00 MF$ 0.50
OTMB 2117
AD-628 774
PA TM-1564
AD-467 449
PA TR-3259
AD-467 335
PA TR-3316
AD-629 037
PATENT 3,217,185
PATENT 3,217,186
PATENT 3,217,244
PATENT 3,217,287
PATENT 3,217,497
PATENT 3,218,405
PATENT 3,218,465
PATENT 3,218,470
PATENT 3,218,479
PATENT 3,219,441
PATENT 3,219,521
PATENT 3,219,584
PATENT 3,219,612
PATENT 3,219,614
PATENT 3,219,632
PATENT 3,219,653
PATENT 3,219,654
PATENT 3,219,659
PATENT 3,219,664
PATENT 3,219,706
PATENT 3,219,708
PATENT 3,219,969
PATENT 3,219,970
PATENT 3,221,489
PATENT 3,221,508
PATENT 3,221,547
PATENT 3,221,549
PATENT 3,221,602
PATENT 3,221,603
PATENT 3,221,656
PATENT 3,221,693
PATENT 3,221,694
PATENT 3,222,149
PATENT 3,222,193
PATENT 3,223,626
PATENT 3,223,683
PATENT 3,223,708
PATENT 3,223,725
PATENT 3,224,944
PATENT 3,225,012
PATENT 3,225,016
PATENT 3,226,302
PATENT 3,226,403
PATENT 3,226,406
PATENT 3,226,428
PA-MANUAL-7-1
AD-628 958
PA-TM-1493-PT-2
AD-628 539
PB-168 622
PB-168 986
PB-169 011
PB-169 123
PB-169 137
PB-169 138
PB-169 139
PB-169 141
PB-169 142
PB-169 144
PB-169 155
PB-169 161
PB-169 164
PB-169 173
PB-169 184
PB-169 187
PB-169 188
PB-169 189
PB-169 190
PB-169 191
PB-169 192
PB-169 193
PB-169 195
PB-169 196
PB-169 199
PB-169 205
PB-169 206
PB-169 207
PB-169 210
PB-169 211
PB-169 213
PB-169 224
PB-169 225
PB-169 226
PB-169 227
PB-169 228
PB-169 229
PB-169 231
PB-169 232
PB-169 234
PB-169 236
PB-169 238
PB-169 241
PB-169 244
PB-169 246
PB-169 247
PB-169 248
PB-169 249
PB-169 253
PB-169 254
PB-169 255
PB-169 256
PB-169 257
PB-169 258
PB-169 259
13J T 66 07 HC$ 1.60 MF$ 0.50
19A U 41 08 HC$ 1.00 MF$ 0.50
19A U 41 07 HC$ 3.00 MF$ 0.75
19A T 66 08 HC$ 9.60 MF$ 0.75
9A U 41 07
9A U 41 07
9C U 41 07
9E U 41 07
13K U 41 07
16C U 41 07
9A U 41 07
9A U 41 07
9E U 41 07
11F U 41 07
6F U 41 07
11K U 41 07
11I U 41 07
11I U 41 07
11E U 41 07
11I U 41 07
6F U 41 07
11I U 41 07
11I U 41 07
7C U 41 08
11E U 41 08
9A U 41 07
9A U 41 07
9B U 41 07
13A U 41 07
10A U 41 07
1D U 41 07
16A U 41 07
19F U 41 07
16C U 41 07
19H U 41 07
19H U 41 07
11E U 41 08
6H U 41 08
11H U 41 08
11A U 41 08
6O U 41 08
7C U 41 08
18J U 41 08
11I U 41 08
11I U 41 08
7A U 41 08
11I U 41 08
11G U 41 08
11F U 41 08
19A T 66 08 HC$ 1.60 MF$ 0.50
20D T 66 07 HC$11.25 MF$ 3.00
14B U 41 07 HC$ 1.25 MF$ 0.50
14B U 41 07 HC$ 1.25 MF$ 0.50
5I U 41 08 HC$ 2.00 MF$ 0.50
14B U 41 07 HC$ 1.25 MF$ 0.50
7A U 41 07 HC$ 4.00 MF$ 0.75
8D U 41 07 HC$ 3.00 MF$ 0.50
9C U 41 07 HC$ 4.00 MF$ 0.75
18B U 41 07 HC$ 1.00 MF$ 0.50
20K U 41 07 HC$ 1.00 MF$ 0.50
9D U 41 08 HC$ 1.00 MF$ 0.50
1E U 41 07 HC$ 2.00 MF$ 0.50
20H U 41 07 HC$ 1.00 MF$ 0.50
18B U 41 07 HC$ 2.00 MF$ 0.50
5J U 41 07 HC$ 5.00 MF$ 1.00
8J U 41 08 HC$ 7.00 MF$ 1.50
13D U 41 08 HC$ 3.00 MF$ 0.50
20I U 41 07 HC$ 2.00 MF$ 0.50
20I U 41 07 HC$ 1.00 MF$ 0.50
20I U 41 08 HC$ 2.00 MF$ 0.50
20I U 41 08 HC$ 1.00 MF$ 0.50
20I U 41 08 HC$ 2.00 MF$ 0.50
1B U 41 07 HC$ 3.00 MF$ 0.75
17G U 41 08 HC$ 2.00 MF$ 0.50
17G U 41 07 HC$ 2.00 MF$ 0.50
8K U 41 07 HC$ 1.00 MF$ 0.50
5I U 41 07 HC$ 1.00 MF$ 0.50
9C U 41 07 HC$ 2.00 MF$ 0.50
13M U 41 07 HC$ 4.00 MF$ 0.75
4B U 41 07 HC$ 1.00 MF$ 0.50
5B U 41 07 HC$ 6.00 MF$ 1.50
13L U 41 08 HC$ 3.00 MF$ 0.75
19B U 41 07 HC$ 4.00 MF$ 1.00
18K U 41 08 HC$ 4.00 MF$ 0.75
18K U 41 08 HC$ 3.00 MF$ 0.75
18K U 41 08 HC$ 3.00 MF$ 0.75
18K U 41 08 HC$ 3.00 MF$ 0.75
7D U 41 08 HC$ 2.00 MF$ 0.50
7D U 41 08 HC$ 3.00 MF$ 0.75
20H U 41 08 HC$ 4.00 MF$ 0.75
20G U 41 08 HC$ 3.00 MF$ 0.75
17G U 41 07 HC$ 3.00 MF$ 0.75
4B U 41 07 HC$ 2.00 MF$ 0.50
5G U 41 07 HC$ 1.00 MF$ 0.50
9E U 41 07 HC$ 2.00 MF$ 0.50
4B U 41 07 HC$ 2.00 MF$ 0.50
4B U 41 07 HC$ 1.00 MF$ 0.50
4B U 41 07 HC$ 3.00 MF$ 0.75
9A U 41 07 HC$ 2.00 MF$ 0.50
5C U 41 07 HC$ 1.00 MF$ 0.50
5C U 41 07 HC$ 1.00 MF$ 0.50
5C U 41 07 HC$ 6.00 MF$ 1.25
5C U 41 07 HC$ 3.00 MF$ 0.75
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 6.00 MF$ 1.25

PB-169 260
PB-169 261
PB-169 262
PB-169 263
PB-169 264
PB-169 265
PB-169 266
PB-169 267
PB-169 268
PB-169 269
PB-169 270
PB-169 271
PB-169 272
PB-169 273
PB-169 274
PB-169 275
PB-169 276
PB-169 277
PB-169 278
PB-169 279
PB-169 280
PB-169 281
PB-169 282
PB-169 283
PB-169 284
PB-169 285
PB-169 286
PB-169 287
PB-169 288
PB-169 289
PB-169 290
PB-169 291
PB-169 292
PB-169 293
PB-169 315
PB-169 316
PB-169 318
PB-169 320
PB-169 325
PB-169 328
PB-169 332
PB-169 333
PB-169 334
PB-169 335
PB-169 368
PB-169 372
PB-169 373
PB-169 374
PB-169 375
PB-169 380
PB-169 385
PB-169 386
PB-169 387
PB-169 397
PB-169 398
PB-169 399
PB-169 400
PB-169 401
PB-169 402
PB-169 405
PGR-EMC-66-02
AD-628 227
PHILCO R-506
AD-628 618
PIBAL-890
AD-629 629
PIBNRI-1207-64
PB-169 206
PIBNRI-1285-65
AD-628 355
PIC-BAT-209/9
N66-11765
PLR-13N
AD-629 677
PLR-14N
AD-629 678
PLR-15N
AD-629 679
PLR-16N
AD-629 680
PNE-238F
PRC-D-1110
N66-12868
PRL-TR-65-17
AD-628 551
PRL-TR-65-18
AD-629 575
PRL-TR-65-19
AD-628 597
PRL-TR-65-20
AD-629 574
PRL-TR-65-22
AD-629 573
PSDC-TR-10
AD-629 736
PSRP-170
AD-628 059
PUB-4620
AD-628 466
P-3072-3
AD-628 201
P-3302
AD-629 447
P-3306
AD-628 095
P-3307
AD-628 627
P-3308
AD-628 098
P-3311
AD-628 484

5C U 41 07 HC$ 6.00 MF$ 1.25
5C U 41 07 HC$ 6.00 MF$ 1.25
5C U 41 07 HC$ 7.00 MF$ 1.50
5C U 41 07 HC$ 4.00 MF$ 1.00
5C U 41 07 HC$ 2.00 MF$ 0.75
5C U 41 07 HC$ 6.00 MF$ 1.25
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 6.00 MF$ 1.50
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 6.00 MF$ 1.50
5C U 41 07 HC$ 2.00 MF$ 0.50
5C U 41 07 HC$ 2.00 MF$ 0.50
5C U 41 07 HC$ 5.00 MF$ 1.00
5C U 41 07 HC$ 3.00 MF$ 0.75
5C U 41 07 HC$ 5.00 MF$ 1.00
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 6.00 MF$ 1.25
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 2.00 MF$ 0.50
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 7.00 MF$ 1.75
5C U 41 07 HC$ 1.00 MF$ 0.50
5C U 41 07 HC$ 6.00 MF$ 1.50
5C U 41 07 HC$ 6.00 MF$ 1.25
5C U 41 07 HC$ 3.00 MF$ 0.75
5C U 41 07 HC$ 1.00 MF$ 0.50
5C U 41 07 HC$ 6.00 MF$ 1.25
5C U 41 07 HC$ 1.00 MF$ 0.50
5C U 41 07 HC$ 4.00 MF$ 0.75
5C U 41 07 HC$ 3.00 MF$ 0.75
5C U 41 07 HC$ 1.80 MF$ 0.50
5C U 41 07 HC$ 2.00 MF$ 0.50
5C U 41 07 HC$ 7.00 MF$ 1.50
5C U 41 07 HC$ 8.00 MF$ 2.25
5C U 41 07 HC$ 7.00 MF$ 1.75
5B U 41 07 HC$ 1.10 MF$ 0.50
5B U 41 07 HC$ 1.60 MF$ 0.50
5C U 41 07 HC$ 3.60 MF$ 0.50
9B U 41 07 HC$47.00
4A U 41 08 HC$ 7.60 MF$ 0.75
14B U 41 08 HC$ 2.60 MF$ 0.50
8K U 41 08 HC$ 1.10 MF$ 0.50
8K U 41 08 HC$ 1.60 MF$ 0.50
14B U 41 08 HC$ 3.60 MF$ 0.50
14E U 41 08 HC$ 5.60 MF$ 0.50
13B U 41 08 HC$ 4.00 MF$ 0.75
4B U 41 08 HC$ 1.60 MF$ 0.50
4B U 41 08 HC$ 1.60 MF$ 0.50
9C U 41 08 HC$ 3.00 MF$ 0.75
4B U 41 08 HC$ 1.00 MF$ 0.50
4B U 41 08 HC$ 1.60 MF$ 0.50
5C U 41 08 HC$ 5.00 MF$ 1.00
5C U 41 08 HC$ 3.00 MF$ 0.50
5C U 41 08 HC$ 6.00 MF$ 1.50
5C U 41 08 HC$ 4.00 MF$ 1.00
5E U 41 08 HC$ 3.00 MF$ 0.75
5C U 41 08 HC$ 2.00 MF$ 0.50
5C U 41 08 HC$ 3.00 MF$ 0.75
5B U 41 08 HC$ 5.00 MF$ 1.00

17B T 66 07 HC$ 2.00 MF$ 0.75
9A T 66 07 HC$ 7.60 MF$ 0.75
20D T 66 08 HC$ 8.60 MF$ 0.75
9C U 41 07 HC$ 2.00 MF$ 0.50
20F T 66 07 HC$ 2.00 MF$ 0.50
10A U 41 08 HC$ 3.00 MF$ 0.75
5J T 66 08 HC$ 1.60 MF$ 0.50
5J T 66 08 HC$ 4.60 MF$ 0.50
5J T 66 08 HC$ 1.60 MF$ 0.50
5J T 66 08 HC$ 2.60 MF$ 0.50
18H U 41 08 HC$ 2.00 MF$ 0.50
22B U 41 08 HC$ 1.00 MF$ 0.50
5I T 66 07 HC$ 8.60 MF$ 0.75
5I T 66 08 HC$ 4.60 MF$ 0.50
5I T 66 07 HC$ 1.60 MF$ 0.50
5I T 66 08 HC$ 2.60 MF$ 0.50
5I T 66 08 HC$ 3.60 MF$ 0.50
15C T 66 08 HC$ 1.60 MF$ 0.50
7D T 66 07 HC$ 3.00 MF$ 0.75
17H T 66 07
5C T 66 07 HC$ 2.60 MF$ 0.50
10B T 66 08 HC$ 2.60 MF$ 0.50
5C T 66 07 HC$ 2.60 MF$ 0.50
5C T 66 07 HC$ 3.00 MF$ 0.75
20D T 66 07 HC$ 1.60 MF$ 0.50
5D T 66 07 HC$ 1.10 MF$ 0.50

P-3312
AD-628 381
P-3313
AD-629 222
P-3315
AD-629 505
P-3317
AD-629 223
P-3318
AD-629 555
P-3320
AD-629 506
P-3321
AD-629 569
P-3322
AD-629 564
P-3324
AD-629 587
P-65-117
N66-12854
P-73
AD-628 077
P65-153
AD-628 943
QE/C-65-583
N66-11672
RAC-TP-171
AD-629 384
RAC-TP-209
AD-629 700
RADC TDR-63-507-VOL-1
AD-628 157
RADC TDR-63-507-VOL-2
AD-628 158
RADC TR-65-273
AD-629 544
RADC TR-65-274
AD-629 550
RADC TR-65-280
AD-628 732
RADC TR-65-329-VOL-1
AD-629 692
RADC TR-65-329-VOL-2
AD-629 693
RADC TR-65-329-VOL-3
AD-629 694
RADC TR-65-329-VOL-4
AD-629 695
RADC TR-65-337
AD-628 886
RADC TR-65-361
AD-629 543
RADC TR-65-376
AD-628 135
RADC TR-65-390
AD-628 450
RADC TR-65-418
AD-629 628
RADC TR-65-434
AD-629 108
RADC TR-65-442
AD-629 601
RADC TR-65-451
AD-628 133
RADC TR-65-465
AD-628 046
RADC TR-65-478
AD-629 162
RADC-TR-65-432
AD-628 725
RADC-TR-65-483
AD-629 352
RAD-TR-66-8
AD-628 942
RASA-65-10
AD-629 646
RD-5297-0718
AD-629 546
REF BIB-26
AD-628 200
REF-65-40
AD-467 697
REF-65-62
AD-629 592
REF-65-67
AD-628 758
REPRINT-R35
AD-629 290
REPRINT-R37
AD-629 289
REPRINT-2574
AD-628 145
REPRINT-64-5
AD-628 304
REPRINT-65-8
AD-629 276
REPT. NO. R-280
AD-628 114
REPT. NO. 127
AD-628 211
REPT. NO. 65-57
AD-628 169
RE-219
N66-11876
RFP-414
RFP-544
RFP-548
RFP-629
RF-TM-64-2
AD-628 356
RG-TR-65-7

12B T 66 07 HC$ 1.60 MF$ 0.50
9B T 66 08 HC$ 1.00 MF$ 0.50
12B T 66 08 HC$ 1.10 MF$ 0.50
5C T 66 08 HC$ 1.10 MF$ 0.50
5D T 66 08 HC$ 3.60 MF$ 0.50
12A T 66 08 HC$ 1.10 MF$ 0.50
5D T 66 08 HC$ 2.00 MF$ 0.50
5A T 66 08 HC$ 2.00 MF$ 0.50
5A T 66 08 HC$ 1.10 MF$ 0.50
13H U 41 08 HC$ 6.00 MF$ 1.50
20H T 66 07 HC$ 1.00 MF$ 0.50
9E T 66 08 HC$ 2.00 MF$ 0.50
10C U 41 08 HC$ 1.00 MF$ 0.50
12B T 66 08 HC$ 3.60 MF$ 0.50
5A T 66 08 HC$ 1.00 MF$ 0.50
9E T 66 07 HC$ 3.60 MF$ 0.50
9E T 66 07 HC$ 2.60 MF$ 0.50
15E T 66 08 HC$ 3.00 MF$ 0.75
17B T 66 08 HC$ 4.00 MF$ 1.00
9A T 66 07 HC$ 3.00 MF$ 0.75
5G T 66 08 HC$ 3.00 MF$ 0.75
5G T 66 08 HC$ 2.00 MF$ 0.50
5G T 66 08 HC$ 2.00 MF$ 0.50
5G T 66 08 HC$ 3.00 MF$ 0.75
9C T 66 08 HC$ 7.60 MF$ 0.75
9E T 66 08 HC$ 4.60 MF$ 0.50
9B T 66 07 HC$19.50 MF$ 1.25
9A T 66 07 HC$ 3.00 MF$ 0.75
8B T 66 08 HC$13.60 MF$ 1.00
20N T 66 08 HC$ 3.00 MF$ 0.75
17I T 66 08 HC$ 3.00 MF$ 0.75
20F T 66 07 HC$ 8.60 MF$ 0.75
20E T 66 07 HC$ 2.00 MF$ 0.50
20C T 66 08 HC$ 4.00 MF$ 0.75
9D T 66 07 HC$ 3.00 MF$ 0.75
17B T 66 08 HC$ 3.00 MF$ 0.75
20A T 66 08 HC$ 3.60 MF$ 0.50
20A T 66 08 HC$11.60 MF$ 0.75
9E T 66 08 HC$ 4.00 MF$ 0.75
20N T 66 07 HC$ 7.60 MF$ 0.75
7E U 41 07 HC$ 1.00 MF$ 0.50
13J T 66 08 HC$ 3.60 MF$ 0.50
8J T 66 07 HC$ 1.00 MF$ 0.50
3B T 66 08
3B T 66 08
8J T 66 07
20A T 66 07
20A T 66 08
20C T 66 07 HC$ 2.00 MF$ 0.50
6P T 66 07 HC$ 1.60 MF$ 0.50
9B T 66 07 HC$ 2.60 MF$ 0.50
22A U 41 08 HC$ 5.00 MF$ 1.00
7D U 41 08 HC$ 2.00 MF$ 0.50
11F U 41 08 HC$ 1.00 MF$ 0.50
18D U 41 07 HC$ 1.00 MF$ 0.50
9B U 41 08 HC$ 2.00 MF$ 0.50
20D T 66 07 HC$ 2.00 MF$ 0.50

AD-463 913 9A U 41 07 HC$ 1.00
RIA 66-208
AD-628 073 11H T 66 07 HC$ 1.00 MF$ 0.50
RIA 66-67
AD-628 072 11C T 66 07 HC$ 1.00 MF$ 0.50
RIA-52-2804
PB-169 187 13D U 41 08 HC$ 3.00 MF$ 0.50
RL-SEP-244(DEL.) 7B U 41 07 HC$ 2.00 MF$ 0.50
RME-4530 8G U 41 08 HC$ 2.00 MF$ 0.50
RME-4545 8G U 41 07 HC$ 2.00 MF$ 0.50
RM-16
AD-628 172 12B T 66 07 HC$ 6.60 MF$ 0.75
RM-17
AD-628 067 12B T 66 07 HC$ 1.00 MF$ 0.50
RM-297
N66-12182 3B U 41 08 HC$ 1.00 MF$ 0.50
RM-4540-PR
AD-629 606 5B T 66 08 HC$ 3.00 MF$ 0.75
RM-4598-NASA
N66-10755 22B U 41 08 HC$ 2.00 MF$ 0.50
RM-4630-PR
AD-629 124 22B T 66 08 HC$ 5.60 MF$ 0.50
RM-4640-PR
AD-629 133 5C T 66 08 HC$ 4.00 MF$ 0.75
RM-4657-PR
AD-628 625 12B T 66 07 HC$ 6.60 MF$ 0.75
RM-4665-PR
AD-629 129 12B T 66 08 HC$ 3.60 MF$ 0.50
RM-4714-NASA
N66-10681 20H U 41 08 HC$ 1.00 MF$ 0.50
RM-4772-PR
AD-628 096 12B T 66 07 HC$ 1.60 MF$ 0.50
RM-4783-PR
AD-628 361 12B T 66 07 HC$ 2.60 MF$ 0.50
RM-4837-PR
AD-628 554 17I T 66 07 HC$ 4.00 MF$ 1.00
RM-4852-PR
AD-629 131 15F T 66 08 HC$ 2.00 MF$ 0.50
RM-4854-PR
AD-629 082 14A T 66 08 HC$ 3.00 MF$ 0.50
RM-4858
AD-628 893 4A T 66 08 HC$ 3.60 MF$ 0.50
RM-4865-PR
AD-628 616 20N T 66 07 HC$ 2.60 MF$ 0.50
RM-4871-PR
AD-628 330 20J T 66 07 HC$ 3.60 MF$ 0.50
RM-4872-PR
AD-628 329 20J T 66 07 HC$ 4.60 MF$ 0.50
RM-4880-PR
AD-628 626 12A T 66 07 HC$ 2.60 MF$ 0.50
RM-4889-PR
AD-629 605 12A T 66 08 HC$ 3.60 MF$ 0.50
RM-4897-PR
AD-628 737 20N T 66 07 HC$ 4.60 MF$ 0.50
RM-4907-PR
AD-629 570 11B T 66 08 HC$ 2.00 MF$ 0.50
RM-4916-PR
AD-629 425 22A T 66 08 HC$ 4.60 MF$ 0.50
RM-4924-PR
AD-629 556 4A T 66 08 HC$ 4.60 MF$ 0.50
RM-4928-PR
AD-629 132 12A T 66 08 HC$ 1.60 MF$ 0.50
RM-4931-PR
AD-629 169 20M T 66 08 HC$ 1.60 MF$ 0.50
RM-9
AD-629 197 17A T 66 08 HC$ 1.60 MF$ 0.50
RP-P-202
AD-629 684 20M T 66 08 HC$ 3.60 MF$ 0.50
RP-P-228
AD-628 819 9B T 66 07 HC$ 1.60 MF$ 0.50
RP-P-240
AD-629 685 12A T 66 08 HC$ 4.60 MF$ 0.50
RP-60
AD-629 381 14D T 66 08 HC$ 2.00 MF$ 0.50
RR-TR-65-8
AD-467 259 4B U 41 08 HC$ 1.00 MF$ 0.50
RR-10
AD-467 972 6S U 41 07 HC$ 1.00 MF$ 0.50
AD-628 542 20D T 66 07 HC$ 2.00 MF$ 0.50
RR-11
AD-467 980 6S U 41 08 HC$ 1.00 MF$ 0.50
RR-1350
NYO-2811-21 20B U 41 07 HC$ 3.00 MF$ 0.75
RR-17
AD-467 971 6S U 41 07 HC$ 1.00 MF$ 0.50
RR-172
AD-629 066 20M T 66 08 HC$ 1.60 MF$ 0.50
RR-173
AD-628 513 8G T 66 07 HC$ 2.60 MF$ 0.50
RR-219
N66-10878 20H U 41 08 HC$ 3.00 MF$ 0.75
RR-5
AD-467 976 6S U 41 08 HC$ 1.00 MF$ 0.50
RR-5-65
AD-628 823 6S T 66 07 HC$ 4.60 MF$ 0.50
RR-6
AD-467 978 6S U 41 08 HC$ 1.00 MF$ 0.50
RR-7
AD-467 970 6S U 41 07 HC$ 1.00 MF$ 0.50
RR-70
AD-628 794 11F T 66 07 HC$ 1.00 MF$ 0.50
RR-8
AD-628 540 20D T 66 07 HC$ 3.00 MF$ 0.75
RR-9
AD-628 541 20D T 66 07 HC$ 1.00 MF$ 0.50
RSIC 227
AD-464 975 11F U 41 07 HC$ 4.00 MF$ 1.00
RSIC-402
AD-467 836 11F U 41 07 HC$ 2.00 MF$ 0.50
RTD TDR-63-4117-PT-2
AD-628 673 21D T 66 07 HC$ 5.00 MF$ 1.00
R-12860
AD-628 544 5I T 66 07 HC$ 4.00 MF$ 1.00
R-142
N66-10610 22D U 41 08 HC$ 5.00 MF$ 1.25
R-1789
AD-629 105 11F T 66 08 HC$ 3.00 MF$ 0.75
R-1790
AD-629 517 1C T 66 08 HC$ 3.60 MF$ 0.50
R-274
AD-628 208 22C T 66 07 HC$ 1.60 MF$ 0.50
R-275
AD-628 111 22C T 66 07 HC$ 1.60 MF$ 0.50
R-276
AD-628 317 20I T 66 07 HC$ 3.60 MF$ 0.50
R-278
AD-628 112 12B T 66 07 HC$ 8.60 MF$ 0.75
R-279
AD-628 113 9E T 66 07 HC$ 2.60 MF$ 0.50
R-383
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50
R-432
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75
R-452.27.65
AD-467 353 9C U 41 08 HC$ 5.00 MF$ 1.00
R-65-32
AD-628 063 13M T 66 07 HC$ 4.00 MF$ 1.00
R66SD5
AD-628 629 20D T 66 07 HC$ 2.00 MF$ 0.50
SAD SR-184
N66-12982 4A U 41 08 HC$ 2.00 MF$ 0.50
SAM TR-65-85
AD-628 751 6E T 66 07 HC$ 2.00 MF$ 0.50
SAM TR-66-5
AD-629 723 6R T 66 08 HC$ 1.60 MF$ 0.50
SAM-TR-65-236
AD-628 314 6S T 66 07
SAM-TR-65-319
AD-628 595 6E T 66 07
SAM-TR-65-82
AD-628 552 6S T 66 07 HC$ 1.60 MF$ 0.50
SAM-TR-65-89
AD-628 892 6E T 66 08 HC$ 1.60 MF$ 0.50
SAM-TR-66-3
AD-629 730 6P T 66 08 HC$ 1.00 MF$ 0.50
SAM-TR-66-6
AD-628 759 20F T 66 07 HC$ 1.00 MF$ 0.50
SAM-TR-66-7
AD-629 738 6E T 66 08 HC$ 1.60 MF$ 0.50
SAM-TR-66-9
AD-629 741 6E T 66 08 HC$ 1.60 MF$ 0.50
SAO SPECIAL REPT.-185
N66-10649 3A U 41 08 HC$ 4.00 MF$ 1.00
SAO SPECIAL REPT.-186
N66-10686 28E U 41 08 HC$ 2.00 MF$ 0.50
SA-TR19-1515
AD-628 538 11F T 66 07 HC$ 2.00 MF$ 0.50
SCIENTIFIC-TP-2
AD-629 542 14B T 66 08 HC$ 7.60 MF$ 0.75
SCIENTIFIC-1
AD-628 080 8G T 66 07 HC$ 2.00 MF$ 0.50
AD-628 202 5G T 66 07 HC$ 1.00 MF$ 0.50
AD-628 228 7D T 66 07 HC$ 4.60 MF$ 0.50
AD-628 691 9A T 66 07 HC$ 3.00 MF$ 0.75
AD-629 478 7E T 66 08 HC$ 5.00 MF$ 1.00
SCIENTIFIC-10
AD-628 817 4A T 66 07 HC$ 4.60 MF$ 0.50
SCIENTIFIC-2
AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50
AD-628 502 9E T 66 07 HC$ 9.60 MF$ 0.75
AD-628 733 7C T 66 07 HC$ 2.00 MF$ 0.50
AD-629 479 7E T 66 08 HC$ 6.00 MF$ 1.25
SCIENTIFIC-261
AD-628 084 4A T 66 07 HC$ 3.00 MF$ 0.50
SCIENTIFIC-3
AD-628 127 20A T 66 07 HC$ 3.00 MF$ 0.75
AD-628 174 20K T 66 07 HC$ 4.60 MF$ 0.50
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50
AD-629 688 20L T 66 08 HC$ 4.60 MF$ 0.50
SCIENTIFIC-4
AD-628 779 7D T 66 07 HC$ 1.60 MF$ 0.50
AD-628 942 20A T 66 08 HC$ 3.60 MF$ 0.50
AD-629 689 20L T 66 08 HC$ 1.60 MF$ 0.50
SCIENTIFIC-41
AD-629 091 20J T 66 08 HC$ 1.60 MF$ 0.50
SCIENTIFIC-44
AD-628 315 20J T 66 07 HC$ 4.60 MF$ 0.50
SCIENTIFIC-47
AD-628 834 20J T 66 07 HC$ 3.00 MF$ 0.75
SCIENTIFIC-48
AD-628 835 7D T 66 07 HC$ 1.10 MF$ 0.50
SCIENTIFIC-5
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50
AD-628 320 8N T 66 07 HC$ 2.00 MF$ 0.50
AD-628 458 8K T 66 07
AD-628 943 9E T 66 08 HC$ 2.00 MF$ 0.50
AD-629 539 9D T 66 08 HC$ 2.00 MF$ 0.50
SCIENTIFIC-6
AD-628 205 9B T 66 07 HC$ 3.00 MF$ 0.75
SCIENTIFIC-7
AD-452 952 12A U 41 08 HC$ 2.00
AD-628 142 20D T 66 07
SCIENTIFIC-8
AD-628 908 8G T 66 08 HC$ 3.00 MF$ 0.75
AD-629 060 12A T 66 08 HC$ 2.00 MF$ 0.50
AD-629 212 20D T 66 08 HC$ 2.60 MF$ 0.50
SC-M-64-61 14B U 41 08 HC$ 2.00 MF$ 0.50
SC-RR-65-625 7B U 41 07 HC$ 1.00 MF$ 0.50
SC-9991012
AD-628 133 20F T 66 07 HC$ 8.60 MF$ 0.75
SDC-TM-738/016/00

AD-628 203 9B T 66 07 HC$ 1.00 MF$ 0.50
SDC-TM-738/020/00
AD-628 204 9B T 66 07 HC$ 2.00 MF$ 0.50
SEISMIC DATA LAB-136
AD-629 431 8K T 66 08 HC$ 3.60 MF$ 0.50
SEISMIC DATA LAB-139
AD-629 739 8K T 66 08 HC$ 3.60 MF$ 0.50
SEL-65-096
N66-12967 3B U 41 08 HC$ 1.00 MF$ 0.50
SERIES-7-ISSUE-5
AD-629 087 8N T 66 08 HC$18.60 MF$ 1.00
SGC-884-FR-1
N66-10636 21H U 41 08 HC$ 5.00 MF$ 1.25
SIT-P160
AD-466 097 20H U 41 08 HC$ 1.00 MF$ 0.50
SJ-220-0059-1
AD-628 271 9E T 66 07 HC$ 3.60 MF$ 0.50
SJ-222-0041-6
AD-430 130 18H U 41 07 HC$ 2.00
SLAC-48 20G U 41 07 HC$ 4.00 MF$ 0.75
SLAC-50 20G U 41 07 HC$ 3.00 MF$ 0.75
SLS-414-2
N66-10938 6K U 41 08 HC$ 7.00 MF$ 2.00
SM-46220-F
N66-10655 10C U 41 08 HC$ 4.00 MF$ 0.75
SM-48410
AD-628 833 9E T 66 07 HC$ 3.00 MF$ 0.75
SM-66/59
ORNL-P-1397 18K U 41 08 HC$ 2.00 MF$ 0.50
SPSR-64
N66-10640 22B U 41 08 HC$ 1.00 MF$ 0.50
SPSR-65
N66-10641 22B U 41 08 HC$ 1.00 MF$ 0.50
SPSR-69
N66-10643 22B U 41 08 HC$ 1.00 MF$ 0.50
SPSR-70
N66-10644 22B U 41 08 HC$ 1.00 MF$ 0.50
SP-2167
AD-628 213 5C T 66 07 HC$ 3.00 MF$ 0.75
SP-2311/000/00
AD-628 212 9B T 66 07 HC$ 1.00 MF$ 0.50
SP-2355
AD-629 268 5A T 66 08 HC$ 1.00 MF$ 0.50
SP-70(64)
AD-628 536 8L T 66 07 MF$ 1.00
SRDS RU-65-11
PB-169 196 17G U 41 07 HC$ 2.00 MF$ 0.50
SRDS RD-65-120
PB-169 193 1B U 41 07 HC$ 3.00 MF$ 0.75
SRDS RD-65-124
PB-169 249 9A U 41 07 HC$ 2.00 MF$ 0.50
SRDS RD-65-26
PB-169 155 1E U 41 07 HC$ 2.00 MF$ 0.50
SRDS RD-65-57
PB-169 195 17G U 41 08 HC$ 2.00 MF$ 0.50
SRM-128
AD-628 976 12B T 66 08 HC$ 1.00 MF$ 0.50
SRM-143
AD-628 364 12A T 66 07 HC$ 1.60 MF$ 0.50
SRR-66-15
AD-628 869 5I T 66 07 HC$ 1.60 MF$ 0.50
SRS-137
AD-628 285 13B T 66 07 HC$ 8.60 MF$ 0.75
SRS-2
AD-629 401 6C T 66 08
SRS-298
PB-169 207 13H U 41 07 HC$ 4.00 MF$ 0.75
SRS-3
AD-629 402 8F T 66 08
SR-134
AD-628 624 5J T 66 07
SSI-FR-91
N66-12612 20I U 41 08 HC$ 3.00 MF$ 0.50
STL-8414-6046-TU-000
N66-10756 16B U 41 08 HC$ 4.00 MF$ 0.75
STR-17
AD-629 155 9E T 66 08 HC$ 6.00 MF$ 1.50
STR-3186
N66-10936 14B U 41 08 HC$ 1.00 MF$ 0.50
SUDAER-217
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50
SUDAER-226
AD-629 580 20K T 66 08 HC$ 3.60 MF$ 0.50
SUDAER-234
AD-629 579 20K T 66 08 HC$ 3.60 MF$ 0.50
SUDAER-240
AD-628 925 20K T 66 08 HC$ 5.60 MF$ 0.50
SUFFIELD TP-257
AD-628 167 6A T 66 07
SUFFIELD-TP-309
AD-628 609 4B T 66 07
SU-AA217
N66-12964 20I U 41 08 HC$ 3.00 MF$ 0.50
SU-SEL-65-072
PB-169 139 9C U 41 07 HC$ 4.00 MF$ 0.75
S-782
N66-11808 9C U 41 08 HC$ 3.00 MF$ 0.75
TG-385
PB-169 236 17G U 41 07 HC$ 3.00 MF$ 0.75
TG-394
PB-169 244 9E U 41 07 HC$ 2.00 MF$ 0.50
TG-603 REV.
AD-462 332 1A U 41 07 HC$ 9.60
TG-608
AD-458 368 14B U 41 08 HC$ 6.60
TG-630
AD-458 418 20C U 41 08 HC$ 5.60
TG-669
AD-462 339 5B U 41 08 HC$ 2.60
TID-20387 20H U 41 08 HC$ 1.00 MF$ 0.50
TID-21335 20G U 41 08 HC$ 5.00 MF$ 1.00
TID-21357 6F U 41 08 HC$ 3.00 MF$ 0.75
TID-21407 18E U 41 07 HC$ 2.00 MF$ 0.75
TID-21501 18E U 41 07 HC$ 4.00 MF$ 0.75
TID-21515 6F U 41 08 HC$ 4.00 MF$ 1.25
TID-21547 18D U 41 07 HC$ 1.00 MF$ 0.50
TID-21569 11F U 41 08 HC$ 1.00 MF$ 0.50
TID-21581 6R U 41 07 HC$ 1.00 MF$ 0.50
TID-21593 18E U 41 07 HC$ 4.00 MF$ 0.75
TID-21601 6C U 41 08 HC$ 1.00 MF$ 0.50
TID-21611 6R U 41 07 HC$ 1.00 MF$ 0.50
TID-21660 7C U 41 07 HC$ 3.00 MF$ 0.75
TID-21786 18G U 41 07 HC$ 3.00 MF$ 0.75
TID-21927 9A U 41 07 HC$ 3.00 MF$ 0.75
TID-22289 6H U 41 08 HC$ 3.00 MF$ 0.50
TID-22330 18L U 41 08 HC$ 4.00 MF$ 2.25
TID-3515 18B U 41 07 HC$ 6.00 MF$ 1.50
TID-3525 18I U 41 07 HC$ 3.00 MF$ 0.75
TIM-900 7B U 41 08 HC$ 1.00 MF$ 0.50
TIM-904 7D U 41 08 HC$ 2.00 MF$ 0.50
TI-03-65-122
AD-628 128 9A T 66 07 HC$ 2.00 MF$ 0.50
TL-42
AD-628 163 8G T 66 07 HC$ 1.00 MF$ 0.50
TM-04110
AD-628 778 20N T 66 07 HC$ 3.60 MF$ 0.50
TM-04153
AD-628 773 20N T 66 07 HC$ 2.00 MF$ 0.50
TM-14
AD-628 866 8J T 66 07 HC$ 4.00 MF$ 1.00
TM-15
AD-628 867 13M T 66 07 HC$ 3.00 MF$ 0.75
TM-16
AD-628 868 11D T 66 07 HC$ 1.00 MF$ 0.50
TM-1908/009/00
AD-629 368 6C T 66 08 HC$ 5.60 MF$ 0.50
TM-2025/000/02
AD-628 405 5D T 66 07 HC$ 1.00 MF$ 0.50
TM-2655/003/00
AD-628 207 5I T 66 07 HC$ 1.00 MF$ 0.50
TM-2776
AD-628 206 5B T 66 07 HC$ 2.00 MF$ 0.50
TM-342
AD-467 337 8C U 41 07 HC$ 1.00 MF$ 0.50
TM-530/009/00
AD-628 776 9B T 66 07 HC$ 5.00 MF$ 1.00
TM-60
AD-628 671 20A T 66 07 HC$ 6.00 MF$ 1.25
TM-65-58
AD-628 219 12B T 66 07 HC$ 2.00 MF$ 0.50
TM-738/018/00
AD-629 309 5G T 66 08 HC$ 2.00 MF$ 0.50
TM-738/021/00
AD-628 285 9B T 66 07 HC$ 3.00 MF$ 0.75
TN-1
AD-628 708 5D T 66 07 HC$ 1.00 MF$ 0.50
TN-10
AD-628 814 3B T 66 07 HC$ 2.60 MF$ 0.50
TN-139
AD-629 328 19D T 66 08 HC$ 6.60 MF$ 0.75
TN-1965-64
AD-628 148 8K T 66 07 HC$ 8.60 MF$ 0.75
TN-1966-14
AD-628 493 20F T 66 07 HC$ 2.60 MF$ 0.50
TN-1966-19
AD-628 907 9A T 66 08 HC$ 1.60 MF$ 0.50
TN-1966-3
AD-629 361 9B T 66 08 HC$ 2.00 MF$ 0.50
TN-1966-4
AD-628 494 5H T 66 07 HC$13.60 MF$ 1.00
TN-1966-5-PT-1
AD-629 359 17I T 66 08 HC$10.60 MF$ 0.75
TN-2
AD-628 709 6D T 66 07 HC$ 1.00 MF$ 0.50
TN-3
AD-628 710 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 750 7D T 66 07 HC$ 3.60 MF$ 0.50
TN-31
AD-628 142 20D T 66 07
TN-32
AD-629 212 20D T 66 08 HC$ 2.60 MF$ 0.50
TN-5-65
AD-629 453 1B T 66 08 HC$ 1.60 MF$ 0.50
TN-9
AD-628 813 3B T 66 07 HC$ 2.60 MF$ 0.50
TN-9-63
AD-629 452 17H T 66 08 HC$ 1.10 MF$ 0.50
TN-963
AD-629 327 9B T 66 08 HC$ 1.60 MF$ 0.50
TO-B-65-27
AD-629 180 18F T 66 08 HC$12.60 MF$ 1.00
AD-629 217 18F T 66 08 HC$ 1.60 MF$ 0.50
TO-B-65-99
AD-629 002 18H T 66 08 HC$ 5.00 MF$ 1.00
TPR-371-PT-3
AD-466 978 11F U 41 07 HC$ 1.00 MF$ 0.50
TPR-371-PT-5
AD-473 657 11F U 41 07 HC$ 1.00 MF$ 0.50
TP-371-PT-4
AD-462 609 11F U 41 07 HC$ 1.00
TRACOR-66-136-U
AD-628 326 17A T 66 07 HC$ 3.00 MF$ 0.75
TRANSLATION-1036
AD-628 097 13J T 66 07 HC$ 6.00 MF$ 1.25
TRANSLATION-2059
AD-628 194 11C T 66 07 HC$ 1.00 MF$ 0.50
TRANSLATION-2060
AD-628 185 11C T 66 07 HC$ 1.00 MF$ 0.50
TRANSLATION-2063
AD-628 193 13J T 66 07 HC$ 2.00 MF$ 0.50
TRANSLATION-2069
AD-629 673 13J T 66 08 HC$ 1.00 MF$ 0.50

TRANSLATION-2073
AD-629 671 7E T 66 08 HC$ 1.60 MF$ 0.50
TRANSLATION-2074-A
AD-629 167 13J T 66 08 HC$ 1.00 MF$ 0.50
TRANSLATION-2074-B
AD-629 509 13E T 66 08 HC$ 1.00 MF$ 0.50
TRANSLATION-2074-C
AD-629 510 13J T 66 08 HC$ 1.00 MF$ 0.50
TRANSLATION-2089
AD-628 195 8A T 66 07 HC$ 2.60 MF$ 0.50
TRANSLATION-2108
AD-629 731 11C T 66 08 HC$ 1.10 MF$ 0.50
TRANSLATION-2109
AD-629 670 19D T 66 08 HC$ 1.00 MF$ 0.50
TRANSLATION-2111
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50
TRANSLATION-2120
AD-629 672 8J T 66 08 HC$ 1.00 MF$ 0.50
TRANSLATION-765
AD-628 192 8J T 66 07 HC$ 5.60 MF$ 0.50
TRANS-256
AD-628 147 8J T 66 07 HC$ 1.60 MF$ 0.50
TRANS-282
AD-628 416 20D T 66 07 HC$ 1.00 MF$ 0.50
TRANS-283
AD-628 417 20D T 66 07 HC$ 1.00 MF$ 0.50
TRANS-968
AD-628 399 11I T 66 07 HC$ 7.60 MF$ 0.75
TRC-7465-194
AD-628 730 4B T 66 07 HC$ 5.60 MF$ 0.50
TR-LK-805
AD-629 439 11G T 66 08 HC$ 2.00 MF$ 0.50
TR-ME-17
AD-628 790 20K T 66 07 HC$ 4.00 MF$ 0.75
TR-N-24
AD-629 432 13H T 66 08 HC$ 1.60 MF$ 0.50
TR-P-74
AD-628 932 20H T 66 08 HC$ 7.60 MF$ 0.75
TR-Q41
AD-628 546 9D T 66 07 HC$ 3.00 MF$ 0.75
TR-Q51
AD-628 807 9E T 66 07 HC$ 6.60 MF$ 0.75
TR-Q52
AD-628 711 9D T 66 07 HC$20.80 MF$ 1.25
TR-Q53
AD-628 808 9D T 66 07 HC$ 5.60 MF$ 0.50
TR-R-399
AD-629 675 8L T 66 08 HC$ 4.60 MF$ 0.50
TR-R-402
AD-628 548 13B T 66 07 HC$ 2.00 MF$ 0.50
TR-R-414
AD-628 996 13M T 66 08 HC$11.60 MF$ 0.75
TR-R-426
AD-629 707 6T T 66 08 HC$ 4.00 MF$ 0.75
TR-R-432
AD-628 991 17H T 66 08 HC$ 8.60 MF$ 0.75
TR-1
AD-628 221 5J T 66 07 HC$ 2.00 MF$ 0.50
AD-628 396 11B T 66 07 HC$ 1.60 MF$ 0.50
AD-628 568 20D T 66 07 HC$ 2.00 MF$ 0.50
AD-628 644 8G T 66 07
AD-628 706 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-628 899 6P T 66 08 HC$ 3.00 MF$ 0.50
AD-629 096 9B T 66 08 HC$ 3.00 MF$ 0.75
AD-629 308 12B T 66 08 HC$ 3.60 MF$ 0.50
TR-10
AD-628 851 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-629 481 20B T 66 08 HC$ 5.00 MF$ 1.00
TR-109
AD-629 642 1B T 66 08 HC$11.60 MF$ 0.75
TR-11
AD-628 852 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-629 433 20L T 66 08 HC$ 1.00 MF$ 0.50
AD-629 482 20B T 66 08 HC$ 3.00 MF$ 0.50
TR-114
AD-628 578 20D T 66 07 HC$ 3.00 MF$ 0.75
TR-1179
AD-466 779 17I U 41 07 HC$ 2.00 MF$ 0.50
TR-118
AD-628 224 20D T 66 07 HC$12.60 MF$ 1.00
TR-119
AD-628 547 20M T 66 07 HC$ 5.60 MF$ 0.75
TR-12
AD-628 853 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 985 20B T 66 08 HC$ 1.00 MF$ 0.50
AD-629 500 11F T 66 08 HC$ 5.00 MF$ 0.75
TR-122
AD-628 781 17A T 66 07 HC$ 2.60 MF$ 0.50
TR-127
AD-628 233 20D T 66 07 HC$ 3.60 MF$ 0.50
TR-13-65
AD-628 106 6C T 66 07 HC$ 5.60 MF$ 0.75
TR-1308
AD-628 537 11I T 66 07 HC$ 2.60 MF$ 0.50
TR-15-65
AD-628 105 6F T 66 07 HC$14.60 MF$ 1.00
TR-16
AD-628 862 7D T 66 07
TR-17
AD-467 882 20H U 41 08 HC$ 2.00 MF$ 0.50
AD-628 642 7D T 66 07
TR-2
AD-628 573 8C T 66 07
AD-628 707 6D T 66 07 HC$ 1.00 MF$ 0.50
AD-629 284 20D T 66 08 HC$ 2.60 MF$ 0.50
AD-629 401 6C T 66 08
AD-629 483 7D T 66 08 HC$ 3.60 MF$ 0.50
AD-629 630 5I T 66 08 HC$ 1.10 MF$ 0.50
TR-20
AD-628 746 7D T 66 07 HC$ 4.60 MF$ 0.50
TR-22
AD-628 119 20H T 66 07 HC$ 4.00 MF$ 0.75
TR-26-PT-B
AD-629 582 8J T 66 08 HC$ 3.00 MF$ 0.50
TR-28
AD-628 998 5J T 66 08 HC$ 3.00 MF$ 0.50
TR-29
AD-629 141 20J T 66 08 HC$ 2.60 MF$ 0.50
AD-629 535 20I T 66 08
TR-3
AD-628 569 20B T 66 07
AD-629 402 8F T 66 08
AD-629 525 12A T 66 08 HC$ 5.60 MF$ 0.50
AD-629 610 20D T 66 08 HC$ 2.00 MF$ 0.50
TR-3-656-VOL-1
AD-629 522 13F T 66 08 MF$ 1.00
TR-3-702
AD-628 734 8H T 66 07 MF$ 1.00
TR-3-712
AD-628 983 8G T 66 08 HC$ 6.00 MF$ 1.25
TR-3-714
AD-628 731 15G T 66 07 HC$ 5.60 MF$ 0.50
TR-310
AD-407 604 20C U 41 07 HC$ 1.00
TR-32
AD-628 545 13M T 66 07
TR-38
AD-628 054 20K T 66 07 HC$ 4.00 MF$ 0.75
TR-381
AD-629 363 17I T 66 08 HC$34.20 MF$ 1.75
TR-384
AD-629 429 20L T 66 08 HC$ 4.60 MF$ 0.50
TR-39
AD-460 373 20K U 41 08 HC$ 3.60
TR-391
AD-629 130 3A T 66 08 HC$ 8.60 MF$ 0.75
TR-4
AD-628 611 9B T 66 07 HC$ 4.60 MF$ 0.50
AD-628 658 7D T 66 07
AD-629 200 20L T 66 08 HC$ 1.60 MF$ 0.50
AD-629 285 20D T 66 08 HC$ 1.60 MF$ 0.50
TR-400
AD-629 047 3A T 66 08 HC$ 2.00 MF$ 0.50
TR-440
AD-628 956 9D T 66 08 HC$10.60 MF$ 0.75
TR-45
AD-628 855 20K T 66 07 HC$ 2.60 MF$ 0.50
AD-628 940 5I T 66 08 HC$ 3.00 MF$ 0.75
TR-46
AD-628 836 14D T 66 07 HC$ 2.60 MF$ 0.50
AD-628 856 20K T 66 07 HC$ 2.60 MF$ 0.50
TR-5
AD-628 388 12A T 66 07 HC$ 1.60 MF$ 0.50
AD-628 453 20L T 66 07 HC$ 1.10 MF$ 0.50
AD-628 612 8B T 66 07 HC$ 3.60 MF$ 0.50
AD-629 391 20L T 66 08 HC$ 2.60 MF$ 0.50
TR-53A
AD-628 947 12A T 66 08 HC$ 6.00 MF$ 1.25
TR-59
AD-466 907 7D U 41 08 HC$ 2.00 MF$ 0.50
TR-6
AD-628 122 20L T 66 07 HC$ 1.10 MF$ 0.50
TR-636
PB-169 368 14B U 41 08 HC$ 3.60 MF$ 0.50
TR-64-49
N66-12872 7D U 41 08 HC$ 2.00 MF$ 0.50
TR-65-11
AD-629 304 5I T 66 08 HC$ 2.60 MF$ 0.50
TR-65-12
AD-629 443 5I T 66 08 HC$ 1.60 MF$ 0.50
TR-65-15
AD-629 444 5G T 66 08 HC$ 2.00 MF$ 0.50
TR-65-16
AD-628 667 15G T 66 07 HC$12.60 MF$ 0.75
TR-65-23
N66-10928 9B U 41 08 HC$ 3.00 MF$ 0.75
TR-65-5
AD-628 274 12A T 66 07 HC$ 2.00 MF$ 0.50
TR-6558-2
PB-169 139 9C U 41 07 HC$ 4.00 MF$ 0.75
TR-66-1
AD-628 444 5I T 66 07 HC$ 2.60 MF$ 0.50
TR-66-13
AD-628 883 8K T 66 07 HC$ 6.60 MF$ 0.75
TR-66-2
AD-628 782 14B T 66 07 HC$ 6.60 MF$ 0.75
TR-66-327
AD-629 674 11H T 66 08 HC$ 2.60 MF$ 0.50
TR-66-4
AD-629 156 8J T 66 08 HC$ 4.00 MF$ 0.75
TR-669(S6951-24)-3
AD-629 584 17B T 66 08 HC$ 2.60 MF$ 0.50
TR-7
AD-628 248 S20J.T 66 07 HC$ 2.00 MF$ 0.50
TR-8
AD-628 514 11F T 66 07 HC$ 1.10 MF$ 0.50
TR-85
AD-466 684 7D U 41 07 HC$ 1.00 MF$ 0.50
TR-86
AD-629 375 12A T 66 08 HC$ 2.60 MF$ 0.50
TR-88
AD-629 308 12B T 66 08 HC$ 3.60 MF$ 0.50
TR-9
AD-628 850 5J T 66 07 HC$ 1.00 MF$ 0.50
AD-628 929 9D T 66 08 HC$ 3.00 MF$ 0.75
AD-628 957 11F T 66 08 HC$ 1.60 MF$ 0.50
AD-629 480 7D T 66 08 HC$ 3.00 MF$ 0.75
TR-90
AD-628 993 17B T 66 08 HC$ 3.00 MF$ 0.50
TR62-209 0
AD-294 866 20I U 41 08 HC$ 3.00
TR62-209N

AD-294 474
TR64-02J
AD-449 823
TR/RP-61
AD-629 004
TR/RP-63
AD-629 350
TR/RP-64
AD-629 351
TS-136
AD-629 603
TT 66-60507
AD-628 047
TT 66-60550
AD-628 097
TT 66-60551
AD-628 107
TT 66-60552
AD-628 147
TT 66-60553
AD-628 166
TT 66-60554
AD-628 185
TT 66-60555
AD-628 192
TT 66-60556
AD-628 193
TT 66-60557
AD-628 194
TT 66-60558
AD-628 195
TT 66-60559
AD-628 223
TT 66-60574
AD-628 294
TT 66-60575
AD-628 299
TT 66-60576
AD-628 300
TT 66-60577
AD-628 301
TT 66-60578
AD-628 302
TT 66-60579
AD-628 303
TT 66-60580
AD-628 306
TT 66-60581
AD-628 307
TT 66-60582
AD-628 308
TT 66-60583
AD-628 309
TT 66-60584
AD-628 310
TT 66-60585,
AD-628 331
TT 66-60586,
AD-628 332
TT 66-60599
AD-628 399
TT 66-60600
AD-628 416
TT 66-60601
AD-628 417
TT 66-60602
AD-628 416
TT 66-60603
AD-628 419
TT 66-60604
AD-628 420
TT 66-60605
AD-628 421
TT 66-60606
AD-628 422
TT 66-60607
AD-628 428
TT 66-60608
AD-628 429
TT 66-60609
AD-628 430
TT 66-60620
AD-628 492
TT 66-60621
AD-628 504
TT 66-60622
AD-628 507
TT 66-60623
AD-628 508
TT 66-60629
AD-628 534
TT 66-60630
AD-628 553
TT 66-60637
AD-628 763
TT 66-60638
AD-628 786
TT 66-60639
AD-628 787
TT 66-60640
AD-628 788
TT 66-60641
AD-628 789
TT 66-60642
AD-628 839
TT 66-60643
AD-628 841
TT 66-60644
AD-628 842
TT 66-60645
AD-628 843

20I U 41 08 HC$ 1.00
17I U 41 08 HC$ 1.00
14D T 66 08 HC$ 1.60 MF$ 0.50
15G T 66 08 HC$ 2.60 MF$ 0.50
15G T 66 08 HC$ 5.60 MF$ 0.75
11E T 66 08 HC$ 3.00 MF$ 0.75
6L T 66 07 HC$ 3.00 MF$ 0.75
13J T 66 07 HC$ 6.00 MF$ 1.25
9A T 66 07 HC$68.10 MF$ 3.00
8J T 66 07 HC$ 1.60 MF$ 0.50
21I T 66 07 HC$ 4.00 MF$ 1.00
11C T 66 07 HC$ 1.00 MF$ 0.50
8J T 66 07 HC$ 5.60 MF$ 0.50
13J T 66 07 HC$ 2.00 MF$ 0.50
11C T 66 07 HC$ 1.00 MF$ 0.50
8A T 66 07 HC$ 2.60 MF$ 0.50
4B T 66 07 HC$ 1.00 MF$ 0.50
5F T 66 07 HC$ 3.00 MF$ 0.75
10C T 66 07 HC$ 1.10 MF$ 0.50
14B T 66 07 HC$ 1.10 MF$ 0.50
7E T 66 07 HC$ 1.60 MF$ 0.50
4B T 66 07 HC$14.70 MF$ 1.00
20D T 66 07 HC$ 3.60 MF$ 0.50
21B T 66 07 HC$ 1.60 MF$ 0.50
20K T 66 07 HC$21.60 MF$ 1.25
4B T 66 07 HC$ 1.60 MF$ 0.50
6P T 66 07 HC$31.90 MF$ 1.50
14B T 66 07 HC$59.10 MF$ 2.50
7B T 66 07 HC$ 3.00 MF$ 0.75
20F T 66 07 HC$ 1.00 MF$ 0.50
11I T 66 07 HC$ 7.60 MF$ 0.75
20D T 66 07 HC$ 1.00 MF$ 0.50
20D T 66 07 HC$ 1.00 MF$ 0.50
8F T 66 07 HC$ 2.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
6A T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
14B T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
6H T 66 07 HC$ 1.00 MF$ 0.50
6M T 66 07 HC$ 1.10 MF$ 0.50
17G T 66 07 HC$29.70 MF$ 1.50
9B T 66 07 HC$41.20 MF$ 2.00
20K T 66 07 HC$13.45 MF$ 4.00
3A T 66 07 HC$ 1.00 MF$ 0.50
6M T 66 07 HC$ 4.60 MF$ 0.50
6E T 66 07 HC$ 3.00 MF$ 0.75
8N T 66 07 HC$ 1.60 MF$ 0.50
8N T 66 07 HC$ 1.10 MF$ 0.50
20D T 66 07 HC$23.40 MF$ 1.25
4B T 66 07 HC$19.70 MF$ 1.25
15E T 66 07 HC$ 2.00 MF$ 0.50
8F T 66 07 HC$ 1.00 MF$ 0.50
8F T 66 07 HC$ 1.00 MF$ 0.50
8F T 66 07 HC$ 1.00 MF$ 0.50

TT 66-60646
AD-628 848
TT 66-60672
AD-628 946
TT 66-60673
AD-628 967
TT 66-60674
AD-628 968
TT 66-60675
AD-628 969
TT 66-60676
AD-628 971
TT 66-60677
AD-628 972
TT 66-60678
AD-628 973
TT 66-60679
AD-628 974
TT 66-60680
AD-628 984
TT 66-60681
AD-629 007
TT 66-60682
AD-629 008
TT 66-60683
AD-629 009
TT 66-60684
AD-629 010
TT 66-60685
AD-629 044
TT 66-60686
AD-629 045
TT 66-60687
AD-629 046
TT 66-60693
AD-629 106
TT 66-60694
AD-629 164
TT 66-60695
AD-629 165
TT 66-60696
AD-629 166
TT 66-60697
AD-629 167
TT 66-60698
AD-629 227
TT 66-60699
AD-629 228
TT 66-60700
AD-629 349
TT 66-60709
AD-629 374
TT 66-60717
AD-629 411
TT 66-60718
AD-629 412
TT 66-60719
AD-629 413
TT 66-60720
AD-629 414
TT 66-60721
AD-629 415
TT 66-60722
AD-629 416
TT 66-60723
AD-629 421
TT 66-60724
AD-629 422
TT 66-60725
AD-629 423
TT 66-60726
AD-629 424
TT 66-60727
AD-629 440
TT 66-60728
AD-629 441
TT 66-60729
AD-629 442
TT 66-60730
AD-629 469
TT 66-60731
AD-629 471
TT 66-60732
AD-629 472
TT 66-60733
AD-629 473
TT 66-60734
AD-629 474
TT 66-60735
AD-629 475
TT 66-60736
AD-629 476
TT 66-60737
AD-629 509
TT 66-60738
AD-629 510
TT 66-60739
AD-629 515
TT 66-60740
AD-629 643
TT 66-60741
AD-629 662
TT 66-60742
AD-629 670
TT 66-60743
AD-629 671
TT 66-60744
AD-629 672
TT 66-60745
AD-629 673
TT 66-60746

6F T 66 07 HC$ 3.00 MF$ 0.75
5A T 66 08 HC$ 3.00 MF$ 0.75
4B T 66 08 HC$ 1.00 MF$ 0.50
20I T 66 08 HC$ 1.00 MF$ 0.50
20J T 66 08 HC$ 1.00 MF$ 0.50
4A T 66 08 HC$ 1.00 MF$ 0.50
4B T 66 08 HC$ 1.00 MF$ 0.50
4B T 66 08 HC$ 2.00 MF$ 0.50
4B T 66 08 HC$ 1.00 MF$ 0.50
19D T 66 08 HC$ 4.00 MF$ 1.00
4B T 66 08 HC$ 1.00 MF$ 0.50
4B T 66 08 HC$ 1.00 MF$ 0.50
4B T 66 08 HC$ 4.00 MF$ 0.75
4B T 66 08 HC$ 1.00 MF$ 0.50
20D T 66 08 HC$ 1.00 MF$ 0.50
7D T 66 08 HC$ 1.00 MF$ 0.50
8G T 66 08 HC$ 1.00 MF$ 0.50
11F T 66 08 HC$ 5.00 MF$ 1.00
5I T 66 08 HC$ 8.60 MF$ 0.75
11I T 66 08 HC$ 4.60 MF$ 0.50
6C T 66 08 HC$10.40 MF$ 2.75
13J T 66 08 HC$ 1.00 MF$ 0.50
21E T 66 08 HC$ 1.00 MF$ 0.50
11B T 66 08 HC$ 1.00 MF$ 0.50
20I T 66 08 HC$ 2.60 MF$ 0.50
6C T 66 08 HC$ 1.00 MF$ 0.50
6D T 66 08 HC$ 1.10 MF$ 0.50
3B T 66 08 HC$ 1.60 MF$ 0.50
11D T 66 08 HC$ 1.10 MF$ 0.50
14B T 66 08 HC$ 1.00 MF$ 0.50
11H T 66 08 HC$ 1.00 MF$ 0.50
20D T 66 08 HC$ 4.60 MF$ 0.50
6R T 66 08 HC$22.70 MF$ 1.25
6R T 66 08 HC$ 1.60 MF$ 0.50
20L T 66 08 HC$ 2.60 MF$ 0.50
17G T 66 08 HC$ 8.40 MF$ 2.25
20K T 66 08 HC$23.60 MF$ 1.25
1B T 66 08 HC$26.30 MF$ 1.25
9E T 66 08 HC$ 1.10 MF$ 0.50
5F T 66 08 HC$ 5.00 MF$ 1.00
20D T 66 08 HC$ 2.60 MF$ 0.50
7D T 66 08 HC$ 1.60 MF$ 0.50
17B T 66 08 HC$ 1.10 MF$ 0.50
21E T 66 08 HC$ 1.60 MF$ 0.50
13K T 66 08 HC$ 1.10 MF$ 0.50
10B T 66 08 HC$ 2.00 MF$ 0.50
13E T 66 08 HC$ 1.00 MF$ 0.50
13J T 66 08 HC$ 1.00 MF$ 0.50
7C T 66 08 HC$ 2.00 MF$ 0.50
20D T 66 08 HC$ 4.00 MF$ 0.75
4B T 66 08 HC$ 1.00 MF$ 0.50
19D T 66 08 HC$ 1.00 MF$ 0.50
7E T 66 08 HC$ 1.60 MF$ 0.50
8J T 66 08 HC$ 1.00 MF$ 0.50
13J T 66 08 HC$ 1.00 MF$ 0.50

AD-629 731 11C T 66 08 HC$ 1.10 MF$ 0.50
TT 66-60747
AD-629 732 19D T 66 08 HC$ 1.00 MF$ 0.50
TT-9
AD-628 984 19D T 66 08 HC$ 4.00 MF$ 1.00
T-R-464
AD-628 969 20J T 66 08 HC$ 1.00 MF$ 0.50
T-R-467
AD-628 968 20I T 66 08 HC$ 1.00 MF$ 0.50
T-R-487
AD-628 972 4B T 66 08 HC$ 1.00 MF$ 0.50
T-R-506
AD-628 973 4B T 66 08 HC$ 2.00 MF$ 0.50
T-R-512
AD-628 974 4B T 66 08 HC$ 1.00 MF$ 0.50
T-R-520
AD-629 009 4B T 66 08 HC$ 4.00 MF$ 0.75
T-R-525
AD-629 007 4B T 66 08 HC$ 1.00 MF$ 0.50
T-R-527
AD-629 010 4B T 66 08 HC$ 1.00 MF$ 0.50
T-R-530
AD-628 971 4A T 66 08 HC$ 1.00 MF$ 0.50
T-R-533
AD-628 967 4B T 66 08 HC$ 1.00 MF$ 0.50
T-R-535
AD-629 008 4B T 66 08 HC$ 1.00 MF$ 0.50
T-41
AD-628 726 15F T 66 07 HC$ 1.10 MF$ 0.50
T-430-R
AD-628 786 8N T 66 07 HC$ 1.60 MF$ 0.50
T-433-R
AD-628 787 8N T 66 07 HC$ 1.10 MF$ 0.50
T/AM-285
PB-169 142 20K U 41 07 HC$ 1.00 MF$ 0.50
UACG-5-65
AD-629 064 4A T 66 08 HC$ 2.00 MF$ 0.50
UACRL-D-920243-18
N66-11237 20I U 41 08 HC$ 3.00 MF$ 0.50
UACRL-E910004-12
AD-628 911 20I T 66 08 HC$ 1.00 MF$ 0.50
UCLA-12-573 9B U 41 07 HC$ 2.00 MF$ 0.50
UCRL-12359 20J U 41 07 HC$ 3.00 MF$ 0.75
UCRL-12411 12A U 41 07 HC$ 2.00 MF$ 0.50
UCRL-13104 18C U 41 07 HC$ 3.00 MF$ 0.75
UCRL-13139 11I U 41 08 HC$ 2.00 MF$ 0.50
UCRL-14258 7B U 41 08 HC$ 4.00 MF$ 1.00
UCRL-14287 20B U 41 07 HC$ 2.00 MF$ 0.50
UCRL-14351 6R U 41 07 HC$ 2.00 MF$ 0.50
UCRL-14505 6E U 41 08 HC$ 2.00 MF$ 0.50
USAAVLABS TR-65-44
AD-628 678 6Q T 66 07 HC$ 4.00 MF$ 1.00
USAAVLABS TR-65-44A-SUPPL-1
AD-628 679 6Q T 66 07 HC$ 1.00 MF$ 0.50
USAAVLABS TR-65-44B-SUPPL-2
AD-628 680 6Q T 66 07 HC$ 1.00 MF$ 0.50
USAAVLABS TR-65-74
AD-628 583 20D T 66 07 HC$ 4.00 MF$ 0.75
USAAVLABS TR-65-75
AD-629 636 13I T 66 08 HC$ 6.00 MF$ 1.50
USAAVLABS TR-65-76
AD-628 675 11I T 66 07 HC$ 7.60 MF$ 0.75
USAAVLABS TR-65-77
AD-628 676 20D T 66 07 HC$ 2.00 MF$ 0.50
USAAVLABS TR-65-80
AD-629 647 1A T 66 08 HC$12.60 MF$ 0.75
USAAVLABS TR-65-81
AD-629 637 1A T 66 08 HC$14.60 MF$ 1.00
USAAVLABS TR-65-82
AD-629 646 20A T 66 08 HC$11.60 MF$ 0.75
USAAVLABS TR-65-83
AD-629 648 1C T 66 08 HC$ 5.60 MF$ 0.75
USAAVLABS TR-66-11
AD-629 635 1C T 66 08 HC$ 4.00 MF$ 0.75
USAAVLABS TR-66-3
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00
USAAVLABS TR65-72
AD-628 580 1A T 66 07 HC$30.80 MF$ 1.50
USAAVLABS-TR-66-6
AD-629 632 1A T 66 08 HC$ 8.60 MF$ 0.75
USC-GEOL-65-4
AD-628 249 8J T 66 07 HC$ 4.00 MF$ 0.75
USL-714
AD-628 938 20A T 66 08 HC$ 1.00 MF$ 0.50
USL-716
AD-629 005 9A T 66 08 HC$ 5.60 MF$ 0.50
USL-719
AD-628 217 9E T 66 07 HC$ 2.60 MF$ 0.50
USL-720
AD-629 620 9E T 66 08 HC$ 1.60 MF$ 0.50
USNRDL-TR-849
AD-466 611 20L U 41 08 HC$ 2.00 MF$ 0.50
USNRDL-TR-858
AD-467 261 6C U 41 07 HC$ 2.00 MF$ 0.50
USNRDL-TR-874
AD-469 020 6R U 41 08 HC$ 2.00 MF$ 0.50
USNRDL-TR-940
AD-629 404 18C T 66 08 HC$ 3.60 MF$ 0.50
USNRDL-TR-942
AD-628 982 18H T 66 08 HC$ 3.00 MF$ 0.75
USNRDL-TR-951
AD-628 351 7D T 66 07 HC$ 2.00 MF$ 0.50
USNRDL-TR-953
AD-629 527 4B T 66 08 HC$ 6.60 MF$ 0.75
USNRDL-TR-955
AD-628 804 6P T 66 07 HC$ 2.60 MF$ 0.50
USNRDL-TR-956
AD-628 360 6P T 66 07 HC$ 2.60 MF$ 0.50
USNRDL-TR-958
AD-628 443 6R T 66 07 HC$ 2.60 MF$ 0.50
USNRDL-TR-959
AD-628 927 6C T 66 08 HC$ 2.00 MF$ 0.50
USNRDL-TR-961
AD-628 218 3C T 66 07 HC$ 2.60 MF$ 0.50
USNRDL-TR-962
AD-629 576 18H T 66 08 HC$ 4.60 MF$ 0.50
USNRDL-TR-963
AD-628 805 6C T 66 07 HC$ 1.60 MF$ 0.50
USNRDL-TR-964
AD-628 791 6R T 66 07 HC$ 2.00 MF$ 0.50
USNRDL-TR-970
AD-628 997 7D T 66 08 HC$ 3.60 MF$ 0.50
USNRDL-TR-975
AD-629 511 18D T 66 08 HC$ 2.00 MF$ 0.50
USNRDL-TR-977
AD-629 512 6R T 66 08 HC$ 1.60 MF$ 0.50
U-173
AD-629 389 9E T 66 08 HC$ 1.00 MF$ 0.50
U-180
AD-629 387 14B T 66 08 HC$ 2.00 MF$ 0.50
U-3452
AD-628 245 6C T 66 07 HC$ 1.00 MF$ 0.50
U2-912008-2
AD-628 046 20E T 66 07 HC$ 2.00 MF$ 0.50
VESIAC BULLETIN-36
AD-629 264 8K T 66 08 HC$ 1.60 MF$ 0.50
VESIAC SEMIANNUAL INDEX-6
AD-629 263 8K T 66 08 HC$ 1.10 MF$ 0.50
VIDYA-209
AD-628 579 20D T 66 07 HC$11.60 MF$ 0.75
VIDYA-213
AD-629 312 20D T 66 08 HC$ 3.00 MF$ 0.75
VOL. 16/NO. 1
AD-628 123 6E T 66 07
VOL. 16/NO. 2
AD-628 124 6E T 66 07
VOL. 16/NO. 3
AD-628 125 6M T 66 07
VOL. 3, SECT. 2
N66-12611 22D U 41 08 HC$ 8.45 MF$ 2.25
VPPR-8
N66-10617 22A U 41 08 HC$ 2.00 MF$ 0.50
WAL 401/49-9
AD-629 015 13H T 66 08 HC$ 4.60 MF$ 0.50
WAL-132/13
AD-629 644 11F T 66 08 HC$ 3.60 MF$ 0.50
WAL-952/4
AD-628 992 13H T 66 08 HC$ 1.60 MF$ 0.50
WAPD-TM-472 11F U 41 08 HC$ 2.00 MF$ 0.50
WAPD-TM-505
AD-629 436 20K T 66 08 HC$ 3.00 MF$ 0.75
WASH-1061 18H U 41 07 HC$ 4.00 MF$ 1.00
WASH-1064 20H U 41 08 HC$ 6.00 MF$ 1.25
WBTN-17-NHRL-74
PB-169 248 4B U 41 07 HC$ 3.00 MF$ 0.75
WBTN-18-NHRL-75
PB-169 210 4B U 41 07 HC$ 1.00 MF$ 0.50
WBTN-20-CR-3
PB-169 246 4B U 41 07 HC$ 2.00 MF$ 0.50
WBTN-23-FCST-4
PB-169 247 4B U 41 07 HC$ 1.00 MF$ 0.50
WBTN-25-WR-1
PB-169 386 4B U 41 08 HC$ 1.60 MF$ 0.50
WBTN-26-WR-2
PB-169 375 4B U 41 08 HC$ 1.60 MF$ 0.50
WBTN-27-WR-3
PB-169 374 4B U 41 08 HC$ 1.60 MF$ 0.50
WBTN-28-WR-4
PB-169 385 4B U 41 08 HC$ 1.00 MF$ 0.50
WCAP-3269-34 18K U 41 08 HC$ 3.00 MF$ 0.50
WIS-TCI-121
N66-11749 20J U 41 08 HC$ 1.00 MF$ 0.50
WIS-TCI-75
N66-10959 20J U 41 08 HC$ 4.00 MF$ 0.75
WIS-TCI-99
N66-13082 7C U 41 08 HC$ 1.00 MF$ 0.50
WL TR-64-119
AD-628 796 20K T 66 07 HC$ 5.00 MF$ 0.75
WMSI WORKING PAPER-89
AD-629 518 12A T 66 08 HC$ 1.60 MF$ 0.50
WMSI WORKING PAPER-92
AD-629 519 12B T 66 08 HC$ 3.60 MF$ 0.50
WMSI WORKING PAPER-94
AD-629 520 12B T 66 08 HC$ 2.60 MF$ 0.50
WMSI WORKING PAPER-95
AD-629 521 12B T 66 08 HC$ 3.60 MF$ 0.50
WORKING PAPER NO. 142-65
N66-12994 5J U 41 08 HC$ 1.00 MF$ 0.50
WP-65-1
N66-12191 14B U 41 08 HC$ 2.00 MF$ 0.50
WST07-26
AD-629 728 20N T 66 08 HC$11.60 MF$ 0.75
WT-20-499
N66-12984 1A U 41 08 HC$ 2.00 MF$ 0.50
WVT 6533
AD-628 939 20B T 66 08 HC$ 1.25 MF$ 0.50
WW015-R67
EURAEC-1162 18L U 41 08 HC$ 3.00 MF$ 0.75
WW016-R71
EURAEC-1164 18I U 41 07 HC$ 1.00 MF$ 0.50
W-07459
AD-628 777 20I T 66 07 HC$ 2.60 MF$ 0.50
W-3/66
AD-629 196 19A T 66 08 HC$ 2.60 MF$ 0.50
W-6/66
AD-629 224 19A T 66 08 HC$ 2.60 MF$ 0.50
X-480-65-368
N66-11227 22B U 41 08 HC$ 3.00 MF$ 0.75
X-500-65-255
N66-11203 9B U 41 08 HC$ 1.00 MF$ 0.50
X-513-65-225
N66-11199 17I U 41 08 HC$ 2.00 MF$ 0.50

X-513-65-314
N66-11216 12A U 41 08 HC$ 1.00 MF$ 0.50
X-520-65-274
N66-11209 9F U 41 08 HC$ 2.00 MF$ 0.50
X-525-64-343
N65-17259 9E U 41 07 HC$ 3.00 MF$ 0.75
X-525-65-336
N66-11221 9F U 41 08 HC$ 1.00 MF$ 0.50
X-564-65-328
N66-10668 9B U 41 08 HC$ 2.00 MF$ 0.50
X-600-65-308
N66-11215 14B U 41 08 HC$ 2.00 MF$ 0.50
X-612-65-235
N66-11200 14B U 41 08 HC$ 1.00 MF$ 0.50
X-612-65-264
N66-11206 4A U 41 08 HC$ 3.00 MF$ 0.50
X-612-65-265
N66-11207 8K U 41 08 HC$ 3.00 MF$ 0.75
X-612-65-302
N66-11213 3A U 41 08 HC$ 2.00 MF$ 0.50
X-614-65-289
N66-11210 20H U 41 08 HC$ 1.00 MF$ 0.50
X-615-65-304
N66-11214 4A U 41 08 HC$ 2.00 MF$ 0.50
X-615-65-342
N66-11222 20H U 41 08 HC$ 2.00 MF$ 0.50
X-615-65-361
N66-11224 20H U 41 08 HC$ 2.00 MF$ 0.50
X-622-65-382
N66-11232 20F U 41 08 HC$ 2.00 MF$ 0.50
X-636-65-241
N66-11201 9A U 41 08 HC$ 1.00 MF$ 0.50
X-636-65-259
N66-11204 14B U 41 08 HC$ 1.00 MF$ 0.50
X-636-65-262
N66-11205 14B U 41 08 HC$ 1.00 MF$ 0.50
X-636-65-271
N66-11208 10B U 41 08 HC$ 2.00 MF$ 0.50
X-636-65-301
N66-11212 9F U 41 08 HC$ 1.00 MF$ 0.50
X-636-65-315
N66-11217 10A U 41 08 HC$ 1.00 MF$ 0.50
X-640-65-363
N66-11225 20H U 41 08 HC$ 1.00 MF$ 0.50
X-640-65-426
N66-10430 4A U 41 08 HC$ 2.00 MF$ 0.50
X-641-65-292
N66-11211 22A U 41 08 HC$ 1.00 MF$ 0.50
X-641-65-380
N66-11231 20M U 41 08 HC$ 2.00 MF$ 0.50
X-641-65-460
N66-10674 20H U 41 08 HC$ 1.00 MF$ 0.50
X-650-65-220
N66-11198 4A U 41 08 HC$ 5.00 MF$ 1.00
X-711-65-435
N66-11234 9A U 41 08 HC$ 2.00 MF$ 0.50
X-713-65-354
N66-10687 20M U 41 08 HC$ 1.00 MF$ 0.50
X-713-65-365
N66-11226 20M U 41 08 HC$ 1.00 MF$ 0.50
X-716-65-331
N66-11220 10C U 41 08 HC$ 2.00 MF$ 0.50
X-716-65-349
N66-11223 14C U 41 08 HC$ 1.00 MF$ 0.50
X-716-65-369
N66-11228 11A U 41 08 HC$ 1.00 MF$ 0.50
X-723-65-406
N66-11233 13H U 41 08 HC$ 2.00 MF$ 0.50
X-724-65-466
N66-11235 17B U 41 08 HC$ 5.00 MF$ 1.25
Y-EA-37 14B U 41 08 HC$ 2.00 MF$ 0.50
Y-1489 18D U 41 07 HC$ 2.00 MF$ 0.50
-65-1E5-MNDIN-R1
N66-10670 20D U 41 08 HC$ 2.00 MF$ 0.50
(EANDC)US79
WASH-1064 20H U 41 08 HC$ 6.00 MF$ 1.25
0266
AD-629 524 4B T 66 08 HC$ 4.00 MF$ 0.75
04-01-02
AD-629 354 17B T 66 08 HC$ 2.60 MF$ 0.50
0509b-1-F
AD-628 333 6P T 66 07 HC$ 2.60 MF$ 0.50
05863-7-T
N66-10685 23B U 41 08 HC$ 4.00 MF$ 1.00
07325-1-T
AD-629 438 8G T 66 08 HC$ 1.60 MF$ 0.50
1093
AD-629 583 17G T 66 08 HC$ 8.60 MF$ 0.75
1093-25
N66-10882 14B U 41 08 HC$ 5.00 MF$ 1.00
1161-R-0021
AD-629 157 1D T 66 08 HC$ 9.60 MF$ 0.75
1188
AD-628 681 11I T 66 07 HC$12.60 MF$ 1.00
12009-IR1
AD-629 624 6P T 66 08 HC$ 3.00 MF$ 0.75
1558
N66-10712 11A U 41 08 HC$ 6.00 MF$ 1.25
1642-F
AD-467 001 16B U 41 08 HC$ 3.00 MF$ 0.50
1776-1
AD-628 137 7C T 66 07 HC$ 1.10 MF$ 0.50
179T80-12
AD-628 669 1A T 66 07 HC$16.00 MF$ 1.00
1791.1
N66-12503 9F U 41 08 HC$ 6.00 MF$ 1.25
1933
AD-628 523 7D T 66 07 HC$ 1.60 MF$ 0.50
2-53727/6R449-6
AD-628 581 1C T 66 07 HC$11.60 MF$ 0.75
214-W53
AD-628 924 20I T 66 08 HC$ 1.10 MF$ 0.50
220-ST-141
AD-628 078 22B T 66 07 HC$ 2.00 MF$ 0.50
238-01-03-392
AD-430 087 1B U 41 07 HC$ 5.00
248/273.3
AD-628 978 13M T 66 08 HC$ 1.00 MF$ 0.50
2900-292-T
AD-265 898 17B U 41 08 HC$ 1.00
3049
N66-10652 7B U 41 08 HC$ 4.00 MF$ 0.75
4WGP-80-6-1
AD-465 928 4A U 41 08 HC$ 4.00 MF$ 0.75
4154-6008-RU001
AD-628 062 22A T 66 07 HC$ 7.00 MF$ 1.50
5253-6001-RU000
AD-628 135 9B T 66 07 HC$19.50 MF$ 1.25
6-75-65-53
AD-628 981 13M T 66 08 HC$ 2.00 MF$ 0.50
645D892
N66-10713 22B U 41 08 HC$ 5.00 MF$ 1.25
64-26
AD-628 752 6E T 66 07
65-6C-0319
AD-628 770 20L T 66 07 HC$ 4.60 MF$ 0.50
65-12
AD-628 757 6E T 66 07
65-13
AD-628 754 5I T 66 07
65-19
AD-628 753 5I T 66 07 HC$ 2.00 MF$ 0.50
65-30
AD-628 755 6E T 66 07
65-9
AD-628 756 6E T 66 07
66-007
AD-629 667 6C T 66 08 HC$ 5.60 MF$ 0.75
66-02
AD-467 356 9B U 41 08 HC$ 7.60 MF$ 0.75
66-05
AD-467 454 9A U 41 08 HC$ 3.00 MF$ 0.50
66-101
AD-628 953 5I T 66 08 HC$ 2.00 MF$ 0.50
66-4
AD-628 220 9B T 66 07 HC$ 7.25 MF$ 2.00
66-9
AD-628 964 6E T 66 08 HC$ 1.00 MF$ 0.50
66698
AD-628 793 20L T 66 07 HC$ 2.60 MF$ 0.50
725-F
AD-629 427 17A T 66 08 HC$ 3.60 MF$ 0.50

U. S. DEPARTMENT OF COMMERCE FIELD OFFICES
PROVIDE READY ACCESS TO COMMERCE SERVICES

• The Department of Commerce maintains Field Offices in the cities listed below for the purpose of providing ready access to the reports, publications, and services of the Business and Defense Services Administration, Bureau of International Commerce, Clearinghouse for Federal Scientific and Technical Information, Office of Business Economics, and the Bureau of the Census. Information on activities of the National Bureau of Standards, Patent Office, and the Area Redevelopment Administration is also available.

• Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field offices act as official sales agents of the Superintendent of Documents and stock a wide range of official Government publications relating to business. Each office maintains an extensive business reference library containing periodicals, directories, publications, and reports from official as well as private sources.

• Approximately 600 Chambers of Commerce, Manufacturers Associations, and similar business groups are official Cooperative Offices of the Department where many of the basic publications and reports of the Department are on file and available for consultation. If specific information is not on hand in the Cooperative Office, your problem will be referred to the nearest Department field office.

• These facilities have been established to assist you. You are invited to use them.

DOMESTIC TRADE

Population Count and Characteristics
Housing Statistics
Detailed Agricultural Data on County Basis
Retail, Wholesale and Service Business
Estimates on Population Movements
National Income Statistics
Regional Trends in United States Economy
Biennial Volume on Business Statistics
Current Releases and Business Indicators
Research Sources on Market Potentials
Development and Maintenance of Markets
Reports on Governmental and Private Technical Research
Regional and Community Development Techniques
Information on Government Procurement, Sales and Contracts

FOREIGN TRADE

Tariff Rates of Foreign Countries on Specific American Products
Regulations Bearing on the Control of Exchange Abroad
Administration of Regulations Imposing Import Quotas and the Details of Import Licensing Procedures in Overseas Markets
Facts on Economic and Trade Conditions
Business Information on Foreign Firms
Documentation of Export and Import Shipments, Both Here and Abroad
Statistical Data on Both Imported and Exported Products
Assistance on Export Regulations and Problems, Including Prompt Special Service in Emergency Situations
Trade Investment and Licensing Opportunities
Foreign Lists of Buyers and Suppliers

Department Field Offices

Albuquerque, N. Mex., 87101, U.S. Courthouse. 247-0311.
Anchorage, Alaska, 99501, Room 306, Loussac-Sogn Building. Phone: BR 2-9611.
Atlanta, Ga., 30303, 75 Forsyth St., N.W. 526-6000.
Baltimore, Md., 21202, 305 U.S. Customhouse, Gay and Lombard Streets. Phone: PLaza 2-8460.
Birmingham, Ala., 35203, Title Bldg., 2030 Third Ave., North. Phone: 325-3131.
Boston, Mass., 02110, Room 230, 80 Federal Street. CApitol 3-2312.
Buffalo, N.Y., 14203, 504 Federal Building, 117 Ellicott Street. Phone: 842-3208.
Charleston, S.C., 29401, No. 4, North Atlantic Wharf. Phone: 722-6551.
Charleston, W. Va., 25301, 3002 New Federal Office Building, 500 Quarrier Street. Phone: 343-6196.
Cheyenne, Wyo., 82001, 207 Majestic Bldg., 16th & Capitol Ave. Phone: 634-5920.
Chicago, Ill., 60604, 1486 New Federal Building, 219 South Dearborn Street. Phone: 828-4400.
Cincinnati, Ohio, 45202, 8028 Federal Office Building, 550 Main Street. Phone: 381-2200.
Cleveland, Ohio, 44101, 4th Floor, Federal Reserve Bank Bldg., East 6th St. & Superior Ave. 241-7900.
Dallas, Tex., 75202, Room 1200, 1114 Commerce Street. RIverside 9-3287.
Denver, Colo., 80202, 142 New Custom House, 19th & Stout Street. Phone: 297-3246.
Des Moines, Iowa, 50309, 1216 Paramount Building, 509 Grand Avenue. Phone: 284-4222.
Detroit, Mich., 48226, 445 Federal Bldg. 226-6088.
Greensboro, N.C., 27402, Room 412, U. S. Post Office Building. 275-9111.
Hartford, Conn., 06103, 18 Asylum St. Phone: 244-3530.
Honolulu, Hawaii, 96813, 202 International Savings Bldg., 1022 Bethel Street. Phone: 588667.
Houston, Tex., 77002, 5102 Federal Bldg., 515 Rusk Ave. CA 8-0611.
Jacksonville, Fla., 32202, 512 Greenleaf Building, 208 Laura Street. ELgin 4-7111.
Kansas City, Mo., 64106, Room 2011, 911 Walnut Street. BAltimore 1-7000.
Los Angeles, Calif., 90015, Room 450, Western Pacific Building, 1031 S. Broadway. 688-2833.
Memphis, Tenn., 38103, 345 Federal Office Building, 167 N. Main Street. Phone: 534-3214.
Miami, Fla., 33130, 1628 Federal Office Bldg., 51 S.W. First Avenue. Phone: 350-5267.
Milwaukee, Wis., 53203, Straus Bldg., 238 W. Wisconsin Avenue. Phone: BR 2-8600.
Minneapolis, Minn., 55401, Room 304, Federal Bldg., 110 South Fourth Street. Phone: 334-2133.
New Orleans, La., 70130, 909 Federal Office Building (South), 610 South Street. Phone: 527-6546.
New York, N. Y., 10001, 61st Fl., Empire State Bldg., 350 Fifth Avenue. LOngacre 3-3377.
Philadelphia, Pa., 19107, Jefferson Building, 1015 Chestnut Street. 597-2850.
Phoenix, Ariz., 85025, New Federal Bldg., 230 N. First Avenue. Phone: 261-3285.
Pittsburgh, Pa., 15219, Room 2201, Federal Building, 1000 Liberty Avenue. Phone: 644-2850.
Portland, Oreg., 97204, 217 Old U. S. Courthouse, 520 S. W. Morrison Street. 226-3361.
Reno, Nev., 89502, Room 2028, 300 Booth Street. Phone: 784-5203.
Richmond, Va., 23240, 2105 Federal Building, 400 North 8th Street. Phone: 649-3611.
St. Louis, Mo., 63103, 2511 Federal Building, 1520 Market Street. MAin 2-4243.
Salt Lake City, Utah, 84111, 3235 Federal Building, 125 South State Street. 524-5116.
San Francisco, Calif., 94102, Federal Building, Box 36013. 450 Golden Gate Avenue. Phone: 556-5864.
Santurce, Puerto Rico, 00907, Room 628, 605 Condado Avenue. Phone: 723-4640.
Savannah, Ga., 31402, 235 U. S. Courthouse and Post Office Bldg., 125-29 Bull Street. 232-4321.
Seattle, Wash., 98104, 809 Federal Office Bldg., 909 First Avenue. MUtual 2-3300.

UNITED STATES
GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

SMALL-AREA BUSINESS DATA IN CONVENIENT

MIAMI
LIBRARY

County Business Patterns highlights the businessmen, market researchers, and industrial and civic planners want for small geographic areas. These reports furnish information for counties, standard metropolitan statistical areas and States by detailed kinds of businesses. Facts on employment, taxable payrolls, and the number and employment size of reporting units may be used to:

- ☐ Analyze market potential
- ☐ Determine the size and location of sales territories
- ☐ Establish sales quotas and advertising budgets
- ☐ Locate production, marketing, or service facilities

The series includes separate State reports and a U.S. Summary. Prices vary for individual reports. For announcement and order form, write to Bureau of the Census, Washington, D.C., 20233, or any Department of Commerce Field Office.

COUNTY BUSINESS PATTERNS ▫ 1964

C 51.9 : 2/5